PHASE II ENVIRONMENTAL BASELINE SURVEY OF McCORMICK RANCH, KIRTLAND AIR FORCE BASE, NEW MEXICO

Part 2 of 5

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Jeff Johnson
Pete Middlebrooks

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31 January 1996

Final Report



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19961226 026



PHILLIPS LABORATORY
Support Directorate
AIR FORCE MATERIEL COMMAND
KIRTLAND AIR FORCE BASE, NM 87117-5776

PL-TR-95-1042

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Project Manager

CARLA J./DO

FOR THE COMMANDER

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Chief, Safety & Environmental

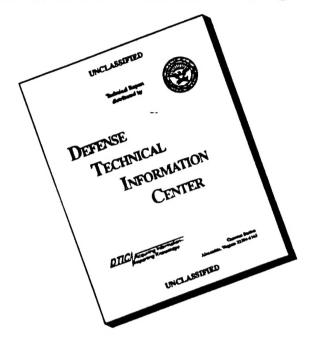
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1. Report Date (d 31 January 1996	d-mm-yy)	2. Report Type Final Report		es covered et 93 - J	(from to) an 95				
4. Title & subtitle Phase II Environ Ranch, Kirtland	mental Basel	ine Survey of McCorm art 2 of 5		5a. Contract or Grant # F29601-93-C-0219					
			5b. Pro	ogram Elen	nent # 62601F				
6. Author(s) Grace Hagaraty,	GRAM Inc	;	5c. Pro	ject # 999	3				
Jeff Johnson, GF Pete Middlebroo	RAM, Inc.	. <u>\$</u> *	5d. Tas	s k # 00					
rete Middlebioo	ns, LATA		5e. Wo	rk Unit # S	E				
7. Performing Or GRAM, Inc. 8500 Menaul Blvd Albuquerque, Ne	d. N.E.	•		8. Perform	ning Organization Report #				
Phillips Laborato	ry	ency Name & Address		10. Monito	or Acronym				
3550 Aberdeen A Kirtland AFB, NM		6		11. Monitor Report #					
•				PL-TR-95	-1042, Part 2 of 5				
13. Supplementa	ry Notes Wo	ork done in associ	ation with L	os Alamos	Technical Associates				
present on McCo contaminants we meter, magneton were selected to five areas and 13 compounds, PET performed and no found in 2 sample	rmick Ranch re identified neter/gradion conduct furt specific higl N, TNT, TNT o explosives es, mangane	Explosive test areas using the following gueter, and ground pender environmental analogement explosive test sites. degradation products or degradation products was detected in 3 security.	s having the gree eophysical sur- etrating radar. lysis. A total of The samples w s, nitrates and ra- cts were identifications	eatest pote vey method From the g f 310 soil s vere screen adioactivity ied. Semi- es were dis	I contamination believed to be ntial for containing soil is: EM 31 terrain conductivity eophysical surveys five areas amples were collected from the ed for semi-volatile organic y. Laboratory analyses were volatile organic compounds were scovered below soil action levels t significant contamination exists.				
15. Subject Term	s McCormic	Ranch, Environment	al Baseline Sur	vey, Conta	mination !				
16. Report Unclassified	17. Abstract Unclassified		19. Limitation of Abstract Unlimited	20. # of Pages 214	21. Responsible Person (Name and Telephone #) Michelle Hedrick 505-846-4574				

SURVEYING RESULTS

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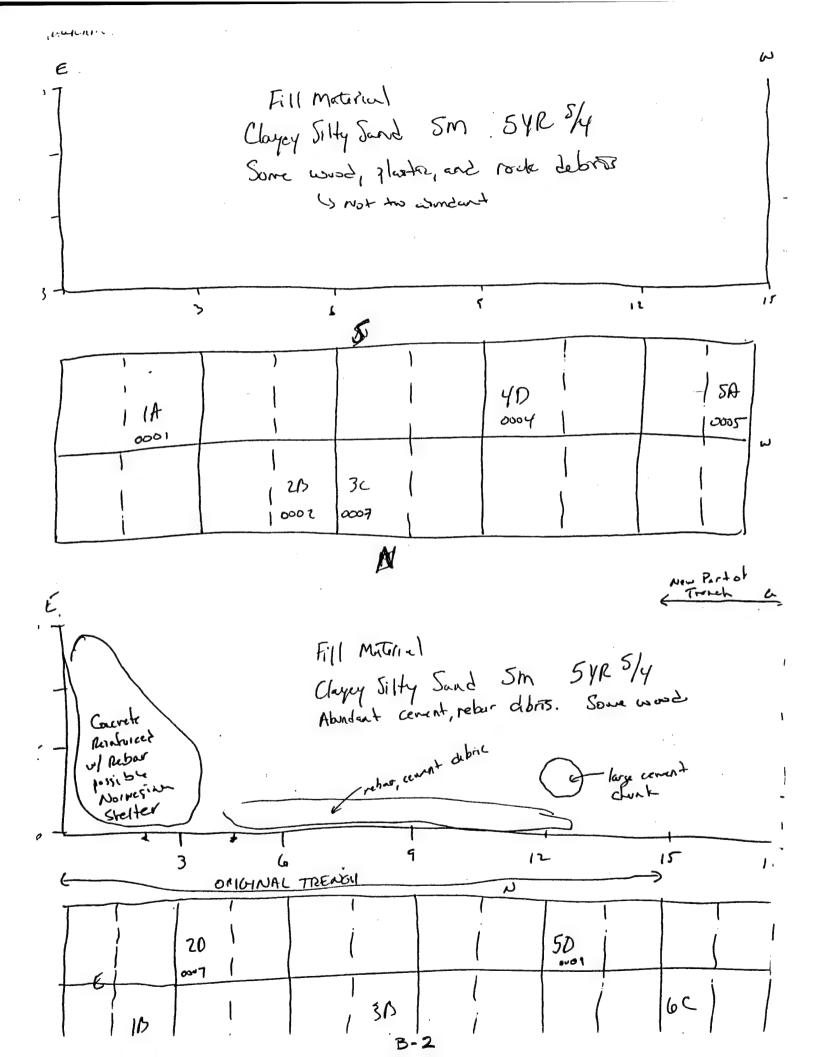
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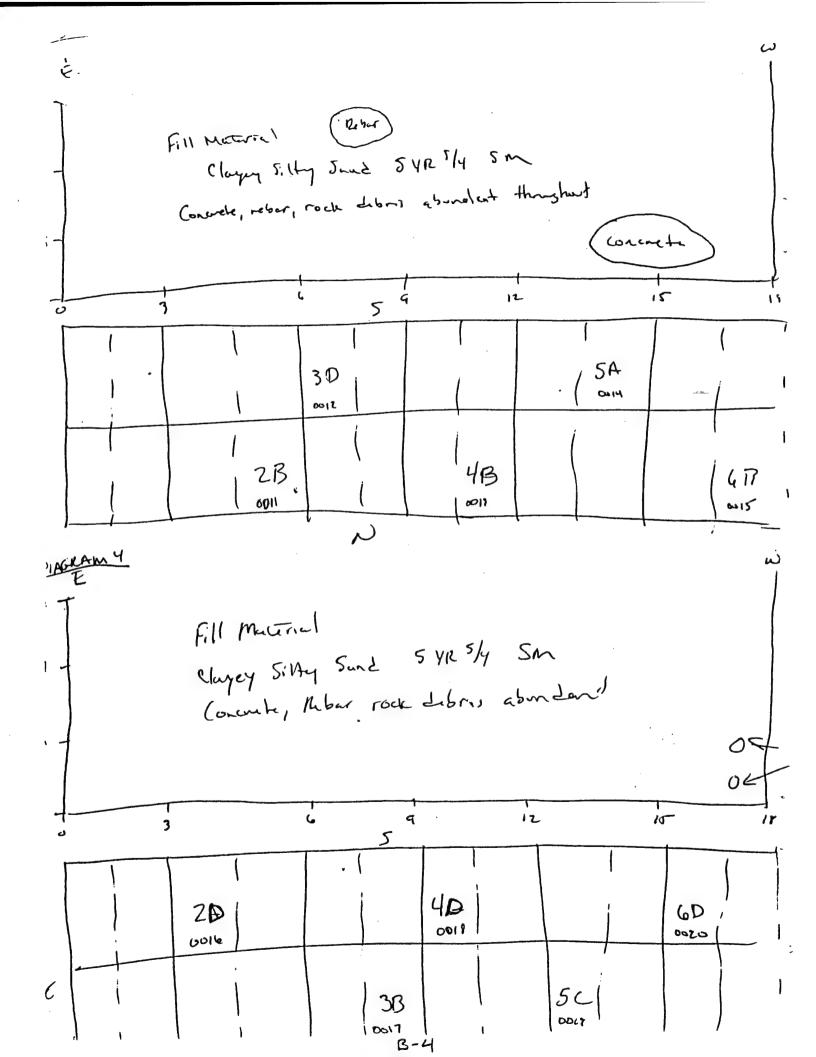
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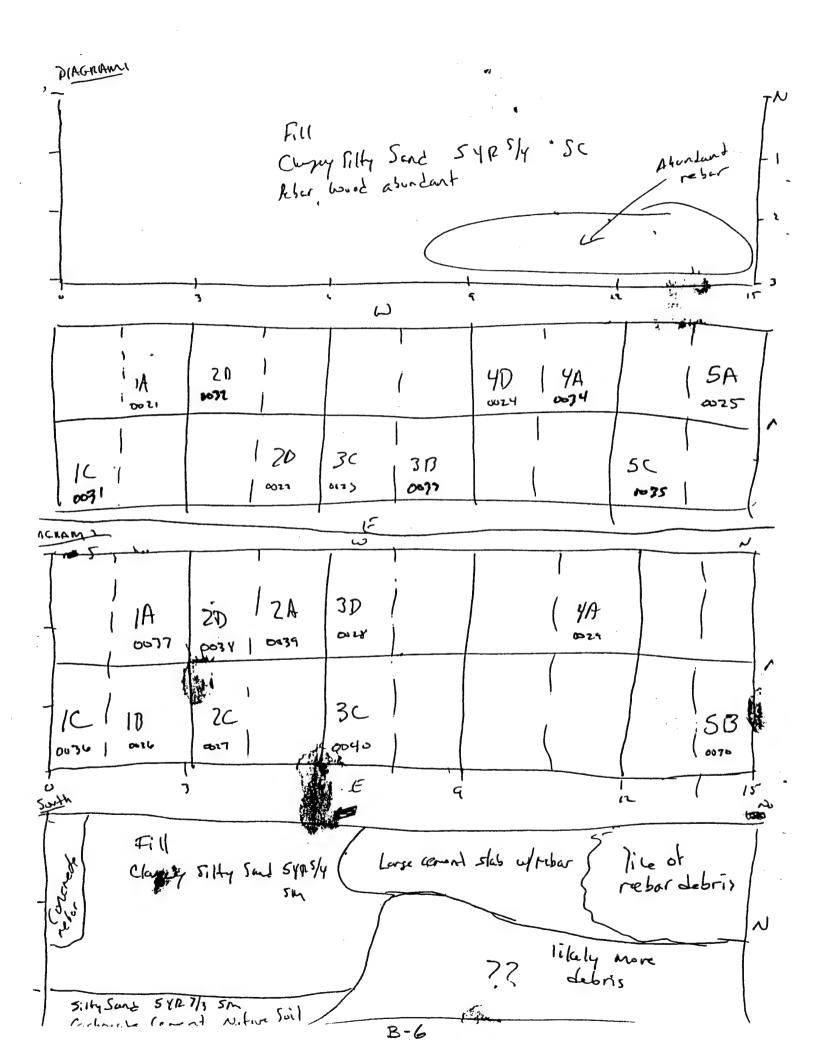
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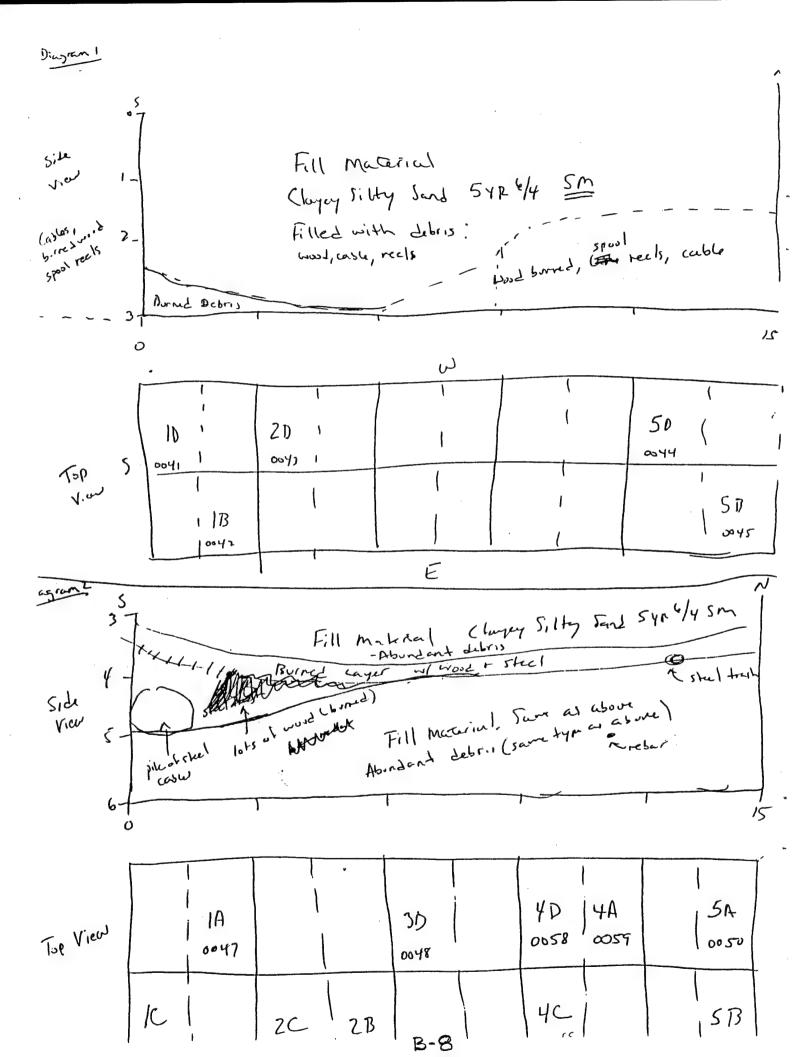


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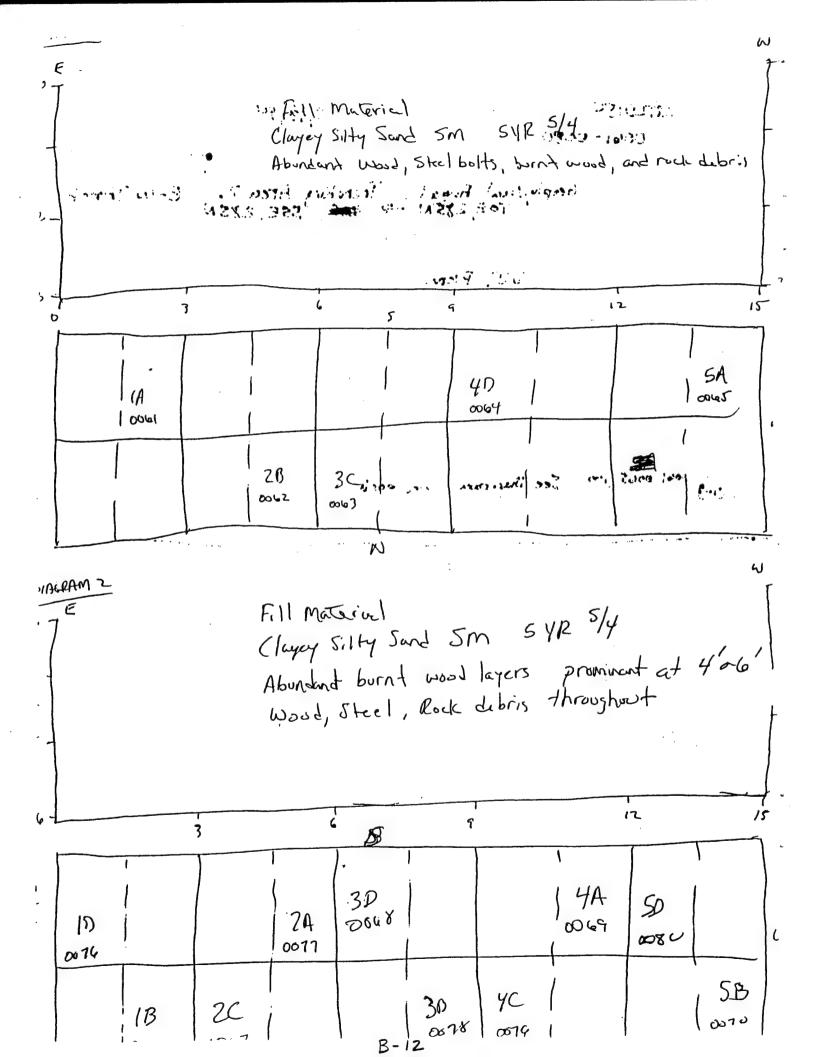




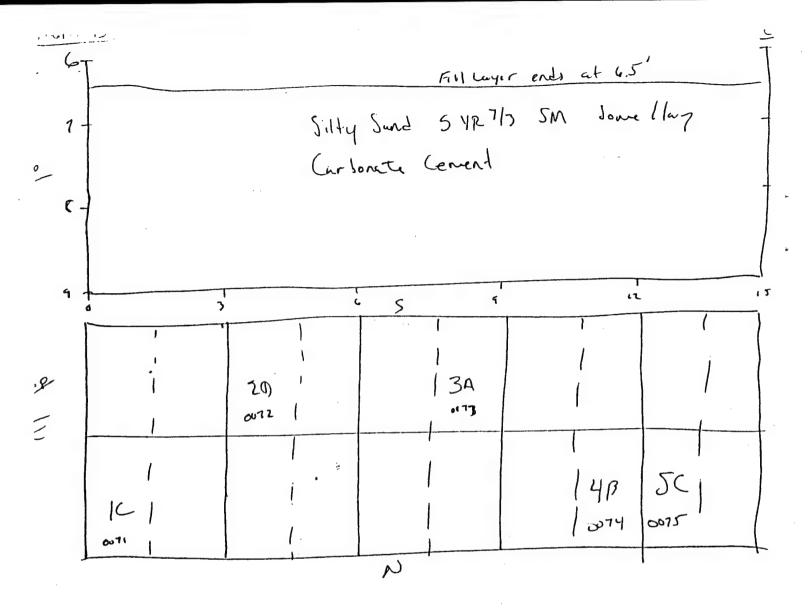
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		LITHO	LOGI	C LOG	(FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	SON	BACK	ASI	NEEDED)	
DEPTH INTERVAL (FT)	SAMPLE INTERVAL (FT)	AMPLE ID	SAMPLE METHOD	SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	nscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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PORE	TION HOLE TION	ID: _ DIAI DESC	OO G METER CRIPTI	e) - (R (IN): ON: _	SOIL BORING LOG DATE: BORE HOLE I CONSTRUCT GORDINAL TRUCK TOE, 285N ->	DEPTH	н (FT) ЛЕТН	: OD: _	1	•	ch
FIELD	D RE	PRES	ENT	ATIV	E(S): _ JJ, Pkm						
		LITHO	DLOGI	C LOC	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON	BACK	AS	NEEDED)	
DEPTH INTERVAL (FT)	SAMPLE INTERVAL (FT)	SAMPLE ID	SAMPLE METHOD	SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	uscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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	3-Ç	00%	0210	103	See Pregran 2 on beak						_
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A - A D - I S - S H - I	AUGEF DRIVE SHELB	Y TUBE	INGS		CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	T B-					
FORM C	COMPL	Mer	av. Isi	SNATU	-9/13/4-1 RE/DATE) TECHNICA	AL REV	IEWER	: (SIGI	IUTAN	RE/DATE)	



SOIL BORING LOG DATE: 9/0/94 SITE ID: _____KATLDISY LOCATION ID: DOLE 1-0080 LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED) CONSTRCT WELL DATA SAMPLE RECOVERY (%) SAMPLE INTERVAL (FT) DEPTH INTERVAL (FT) SAMPLE METHOD ELEVATION (FT) GRAPHIC LOG BLOWS 6 IN SAMPLE ID WATER DEPTH/ REMARKS LITHOLOGIC DESCRIPTION



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					SOIL BORING LO	<u>)G</u>	, ,					
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			45755		CONSTR	UCTIO	N NC	IETH(OD:			
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				1-1	treach from 20E Your to	, 17N	<u>e, 4</u>	1710				
COMM	IENT	S:										
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FIELD					E(S): _ PKM _ I]							
		LITHO	DLOGI	C LOG	G (FOR TRENCH, MAKE ADDITIONAL	SKET	CHES	ON	BACK	AS	NEEDED)	$\overline{}$
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DEPTH INTERVAL (FT)	SAMPLE INTERVAL (FT)	SAMPLE ID	AMPI	SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION		uscs	GRAI	CON	BLO	WATER DEPTH/ REMARKS	ELE
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D-1	DRIVE	TUBE			A - AUGERED OR BORED		Т		NCHIN EHOLE	G		
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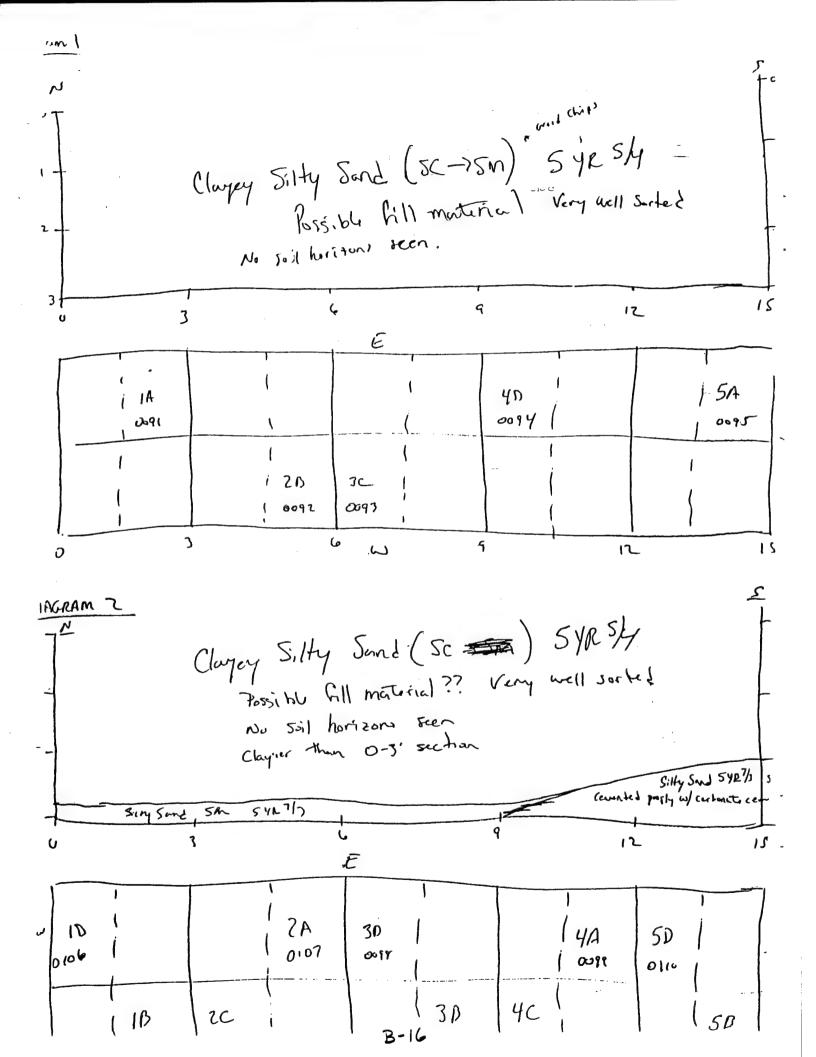
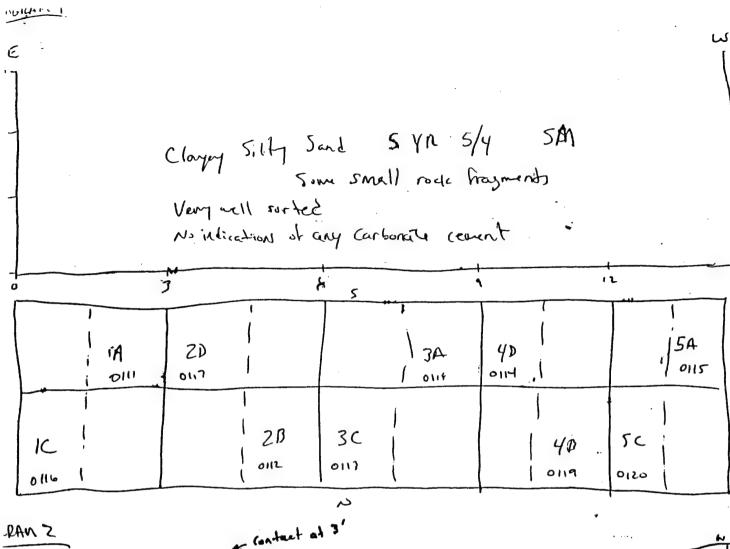


Diagram 3	Sity Sund 5 VR 7/2	Cerhonale Commentation	7
1-	Intermedded	Chargey Sitty Fund 5 4/2 5/4 5/2 with	+.
		Silty Sund SYR 1/3 5m and Clayer Silty Sund SYR 1/3, SYR 5/4	
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	2D 0102	3A 10103 14B 5C	
Olof (915 50	

Page 1 of	
SOIL BORING LOG	
SITE ID: <u>LATED 154</u> DATE: 9/12/94	
LOCATION ID: _O(II - O(3) O BORE HOLE DEPTH (FT):(Q) CONSTRUCTION METHOD:	
BONE HOLE DIAMETER (MV).	
LOCATION DESCRIPTION:	
COMMENTS: Schoplyrical Area 2. Trenching Area 3. E-W Tranch From 20E, 415N + SE, 415N	
FIELD REPRESENTATIVE(S): PKM, JJ	
LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED)	
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IT WE COG	ELEVATION (FT)
AMPLE ID SCS SRAPHIC LOG SRA	/ATIC
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE METHOD SAMPLE TO CONSTRUCT WELL DAT BLOWS/ 6 IN BLOWS/ 6 IN	ELE
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* SAMPLE METHODS A - AUGER CUTTINGS * CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION	
D - DRIVE TUBE A - AUGERED OR BORED T - THENCHING S - SHELRY TUBE C - CABLE TOOL B- BOREHOLE	
H - HAND SCOOP D - DUG O - OTHER	
O - OTHER J - JETTED	
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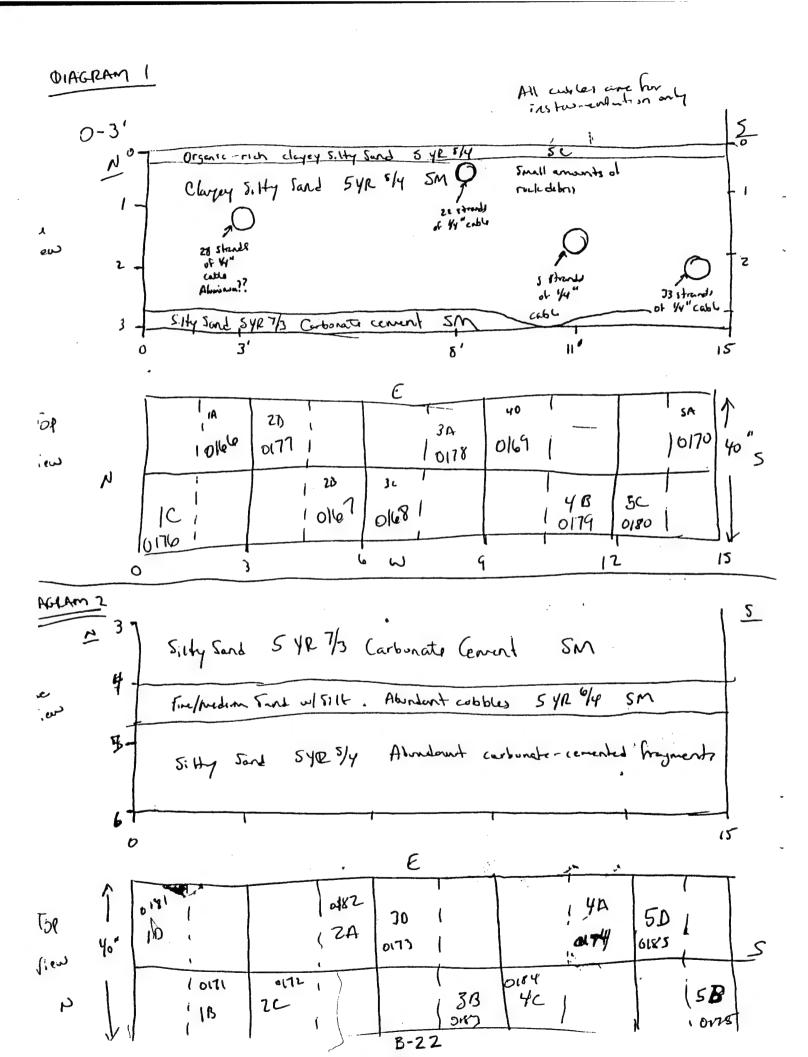
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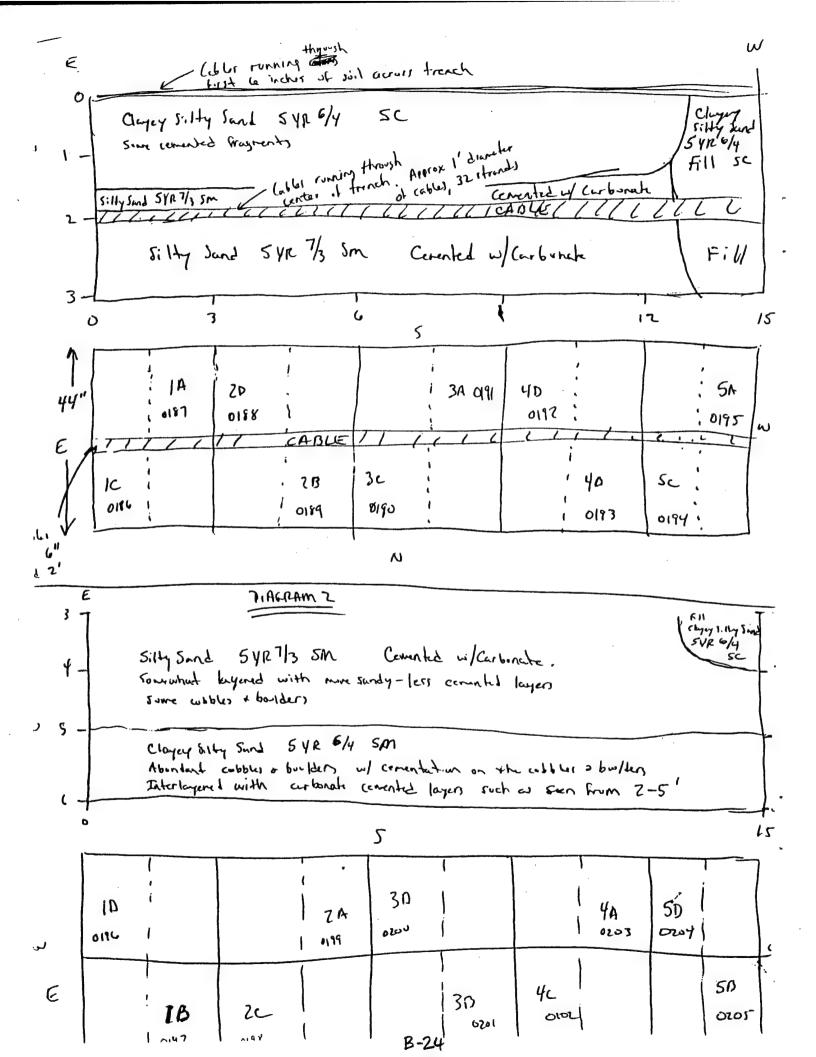
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3	- Silty Clayof w/ Carbonale coment 54R 7/3 - intertedded throughout with Clayof Silty Sand 54R 6/4 SAN
4-	- Rock frag (cubbles, pebbles) abundant
5-	- Amerous carbinate - cemented inclusions - As distinct grown layers.
	- Top 1' primarily the comented Silty Clay, with interbedding . none promined from 4-6'
<i>b</i>	

1D 6124			ZA- 1 0127	3D			1 4A °124	5D	ſ
	 1B 0121	2C one		B-20	3B 0128	4C 0119	Roger Buetle Freuence	dostim	5B

Page 1 of 1										
SOIL BORING LOG SITE ID: LET LD 154 DATE: 17/94 LOCATION ID: 0166-0185 Trenchy Arex 4 BORE HOLE DEPTH (FT): 6										
BORE HOLE DIAMETER (IN): N/A CONSTRUCTION METHOD: LOCATION DESCRIPTION: Tranching Area 4 N/S Trench helf 330 E 315 N -> 330 E 300 U										
COMMENTS:	•									
FIELD REPRESENTATIV	/E(S): PFM, JU									
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES O	1	(AS	NEEDED)					
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD	LITHOLOGIC DESCRIPTION	USCS GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)				
	Diagram I on back									
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** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O OTHER ** CONSTRUCTION METHODS R - ROTARY METHOD P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER O - OTHER ** ONSTRUCTION METHODS R - ROTARY METHOD D - AIR PERCUSSION O - OTHER O - OTHER O - OTHER										
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Page 1 of /													
		l		- U		SOIL BORING	<u>LOG</u> ::	alul	o 4				
SITE	ID: _	per	<u> </u>		L)					١.	6		l
LOC	BORE HOLE DIAMETER (IN): N/A CONSTRUCTION METHOD: 1												
BOR	BORE HOLE DIAMETER (IN): N/A CONSTRUCTION METHOD:												
LOC	LOCATION DESCRIPTION: Crophysical Area 4. Trenshing Area 4 EW Trensh												
1	COMMENTS:												
FIEL	.D RE	PRES	SENT	ATIV	E(S): _	PKM, JJ							
		LITH	oLogi	C LO	G (FOR	TRENCH, MAKE ADDITION	AL SKE	TCHE	S ON	BACK	AS	NEEDED)	, ,
DEPTH INTERVAL (FT)	SAMPLE INTERVAL (FT)	SAMPLE ID	SAMPLE METHOD	SAMPLE RECOVERY (%)		LITHOLOGIC DESCRIPTION		uscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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A - D - S - H -	** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP OOTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER J - JETTED												
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SOIL BORING LOG										
SITE ID: KRTLD 154	DATE:	24/4		8/2	5/9/					
	LOCATION ID: 0081 BORE HOLE DEPTH (FT): 6-0 '									
BORE HOLF DIAMETER (IN): 2 CONSTRUCTION METHOD: A										
LOCATION DESCRIPTION: _	In depression near treaching un	e 2	<u>. Ab.</u>	ut_	100 met					
or roce.										
COMMENTS:										
FIELD REPRESENTATIVE	E(S):SR6									
LITHOLOGIC LOC	FOR TRENCH, MAKE ADDITIONAL SKET	CHES	ON BAC	(AS	NEEDED)					
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	nscs	GRAPHIC LOG CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)				
0.5 -5 100	Chappy sithy SAND SYR 4/4 Elty SAND SYR 4/4 Chappy sithy SAND SYR 4/4 Chappy sithy SAND SYR 4/4 Sithy SAND OPELES SYR 4/4				Page wood ? While grans; while grans; who de years;					
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER O - OTHER										
FORM COMPLETED BY: (SIGNATION	JRE/DATE) TECHNICA	AL REVII	EWER: (SIC	SNATU	JRE/DATE)					

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Page 1 of											
	SOIL BORING LOG										
SITE	SITE ID: KRTLD 154 DATE: 8/25										
LOCA	LOCATION ID: 0282 BORE HOLE DEPTH (FT): 6.0										
BORE	BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD:										
LOCA	LOCATION DESCRIPTION: In depression near Trending Aren a. 2 100' was of Road										
СОМ	COMMENTS:										
FIEL	D RE	PRES	ENT	ATIV	E(S): Johnson						
<u> </u>		LITHO	OLOG	IC LO	G (FOR TRENCH, MAKE ADDITIONAL SK	ETCHE	S ON	ВАСК	(AS	NEEDED)	
	E			(%)							
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TH.	MPL	SAMPLE 1D	MPL	MPLI		USCS	SRAPHIC LOG	LSNO	BLOWS/ 6 IN	WATER DEPTH/	LEVA
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2.0			<u> </u>		7.54/L 9/4 (1444) 51/4 54W	me					
₹.5					7.5 XQ 4/4 Clayey SIMY = 17						\vdash
3.0	7	000	A	100%	7.5 YR 4/4 Clayer 3179 340						-1
3.5	-		•	170	7.5 YR 4/14 Clayey 31/19 34	ML					
4.5	{				7.5 YR Y/LI Clayer SILTY SAM	ML					<u> </u>
3.5	1				1.5 /R Y/2 Claver SUTY SH	ML					<u> - </u>
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6.5					1.5 YE 4/4 CLAYEY SITY SAN	Me				,	
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ERVA	TER		AMPLE METHOD	200			LOG	CONSTRCT WELL	<u>N</u>		ELEVATION (FT)
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ם י	- AUGER - DRIVE	TUBE			A - AUGERED OR BORED	Т	- TRE	NCHIN	G		
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Н-	HAND	scoo			D - DUG J - JETTED	0	- OTH	ER					
0-	OTHE	н			3 - 351150								
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İ				, ,	SOIL BORING LOG	01	15-				
SITE	ID:	KR.	TLD	15	54 DATE:						
LOCA	TION	ID:	00	82	BORE HOLE D	ON	ETH()D·	(-	7	:
BORE	HOLE	DIAN	METER	(IN):	CONSTRUCTION A NOMALY	AT	عده	הם. הא פני	.2/0		
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2.5			۸		7.542 5/4 5.174 Sand						<u> </u>
30	7	∞	4		7.5 YR S/4 Sitty Sant						<u> </u>
3-5	1				7.5 YR 5/4 5, 174 SAND						-
4,0] (14.5 YR 5/4 7111 7446						-
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_		METHO			 CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD 			PERCU		N	
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1	20	20		8/3	15/94	AL PE	/IE\A/E	R+ (SIC	ITAN	RE/DATE)	
FORM	COMP	LETED	BY: (SI	GNAT	JRE/DATE) TECHNIC	אר עבו	ILVVE	1. (310		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN T	

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	SOIL BORIN	IG LOG ATE: <u> </u>	164						
SITE ID: KTELD IS				(_					
LOCATION ID:		ORE HOLE DEPTH ONSTRUCTION M		A					
BORE HOLE DIAMETER (IN):					fai.				
LOCATION DESCRIPTION: _	Near FRON SIDE O	of dealings	(C. Ox s						
COMMENTS:									
FIELD REPRESENTATIV	E(S):								
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDIT	IONAL SKETCHE	S ON BACK	AS	NEEDED)				
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (%)		Z	GRAPHIC LOG CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/	EVATION (FT)			
Q N N N N	LITHOLOGIC DESCRIPTION		g 8	표_	REMARKS	ᇳ			
5 - 100 100 100 100	CILL CYD S/W	one cerent SM surcovent SM say sm sm sm							
A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP A - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED T - TRENCHING B - BOREHOLE O - OTHER								
FREM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)									

COMMENTS:FIELD REPRESENTA	BOR (IN): 2" CON IN: In Depression of Tren TIVE(S): Johnson.	EHOLE DEPTH STRUCTION MI	(FT): ETHOD: _ }			1
	LOG (FOR TRENCH, MAKE ADDITION	NAL SKETCHES	∢	ASI	NEEDED)	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID	SAMPLE RECOVERY (%)	nscs	GRAPHIC LOG CONSTRCT WELL DAT	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	* CONSTRUCTION METHODS R - ROTARY (STATE ROTAR A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	T B-	- AIR PERCI - TRENCHIN BOREHOLE - OTHER	IG	V	
FORM COMPLETED BY: (SI	8/25/94 GNATURÉ/DATE)	TECHNICAL REV	TEWER: (SI	SNATU	IRE/DATE)	

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Page 1 of												
	SOIL BORING	LOG	1 .									
SITE ID: KRTLDIS	54 DAT	E: _ 8 2	5/94									
LOCATION ID: 0088	BOR	E HOLE DEPTH	1 (FT):	2/1								
POPE HOLE DIAMETER (IN):		STRUCTION N		~								
LOCATION DESCRIPTION: In depression reas trenching area! (Geophys. Area!)												
COMMENTS: Start of	COMMENTS: Start at @ 1410 Sample at 1445											
FIELD REPRESENTATIVI	EISI: Pron											
LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED)												
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (%)			SRAPHIC LOG CONSTRCT WELL DATA	<u>N</u>		EVATION (FT)						
SAMPLE INTERVAL SAMPLE ID SAMPLE RECOVEF	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG CONSTRCT W	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVAT						
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100	Clayer Silly Sand 54R3, Clayer Silly Sand 54R 3, Clayer Silly Sand 54R Clayer Silly Sand 54R Clayer Silly Sand 54R Clayer Silly Sand 54 Clayer Silly Sand 5 (Clayer Silly Sand 5)	1/4 SC										
25 \ acc A (0.	charger Silly Sand Si	183/4 SC										
7.2 100	(larger Silly Sand S	407/4 SC										
4, F 00	Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand S Chayer Silty Sand S Chayer Silty Sand S Chayer Silty Sand S	163/4 2C										
(00 100 100 100 100 100 100 100 100 100	Clayer Silty Sant St	23/450										
600	chagoy sily Sund s	(n s/g) C			1							
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD D - DRIVE TORN R - ROTARY (STATE ROTARY METHOD T - TRENCHING B - BOREHOLE O - OTHER O - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD D - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER												
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BORE HOLE DIAMETER LOCATION DESCRIPTION COMMENTS:	SOIL BORING LOG DATE: DATE: BORE HOLE D CONSTRUCTION: 380 E, ON CTIVE(S): TOLOGO	ON M	(FT)	: OD: _	A		of <u>L</u>
	C LOG (FOR TRENCH, MAKE ADDITIONAL SKET	· 14.		BACK	AS	NEEDED)	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE ID	NAMPLE RECOVERY (%)	nscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER FORM COMPLETED BY: (SIG	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	T - B-	TREN	PERCU NCHING HOLE ER		1	

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SOIL BORING LOG SITE ID: VETLD 154 DATE: 8/25/54 LOCATION ID: 0090 BORE HOLE DEPTH (FT):											
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE TO SAMPLE TO SAMPLE TO SAMPLE TO SAMPLE METHOD SAMPLE RECOVERY (%)	Clayer Silty Sand 5423/4	シンドン このなら いった	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)				
Clayer 5. (by Sand 54274 50 Layer 5. (by Sand 54274 50 Layer 5. (by Sand 64274 50 R - ROTARY (STATE ROTARY METHOD FOR BORED TO THE CONTROL											

Page 1 of											
					SOIL BORING LO	G,	1.				.
SITE	ID:		UPTI	715	٧ DATE: _	9/15	154				l
					BORE HO	LE DEP	TH (FT): <u>_</u>			
BORE	HOL	E DIA	METE	R (IN):	2 CONSTR	UCTION	METH	IOD: _	H		İ
LOCATION DESCRIPTION: Locates at OE, 270N											
		-			Morth Side of Contact						
СОМ	MENT	S:						-			
FIEL	D RE	PRES	ENT	ATIVI	E(S): Pur						
		LITHO	OLOG	C LO	G (FOR TRENCH, MAKE ADDITIONAL	SKETCH	ES ON	BACK	CAS	NEEDED)	
DEPTH INTERVAL (FT)	SAMPLE INTERVAL (FT)	SAMPLE ID	SAMPLE METHOD	SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	SOSO	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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•• 64	MPIF	METHO	DS.	L	CONSTRUCTION METHODS				1		
A.	A - AUGER CUTTINGS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION										
1	DRIVE	TUBE	E		A - AUGERED OR BORED C - CABLE TOOL		B- BOR		3		
1	HAND	SCOO	P		D - DUG J - JETTED		O - OTI	HER			
	1										
		to A	lu		<u>=9115</u> 197			D. 15:5	N. 6 = - :	DE (DATE)	
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	SOIL BOR	ING LOG			
SITE ID:		DATE:	/ 5	/ 0/	
LOCATION ID:	0130	BORE HOLE DEPTH		\wedge	
BORE HOLE DIAMET	ER (IN):	CONSTRUCTION N		. 11	
LOCATION DESCRIP	TION: Geophys Area 2	Insike	CM	er way	
0E, 210) γ				
COMMENTS:					
FIELD REPRESEN	TATIVE(S): Sphnon				
	GIC LOG (FOR TRENCH, MAKE ADD	ITIONAL SYSTCHE	S ON BACK	AS NEEDED)	
		THOUAL SKETCHE	1 1 1		
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NTER O	REC		IC LO	9 /	NOIL
EPTH INTERVAL AMPLE INTERVA	MPLE	NSCS	SRAPHIC	WATER DEPTH/	ELEVATION (FT
		ilry sand san	<u></u> ט ט	료 REMARKS	Ē
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2.0	7.57K 7/7 C(4) C/	Silts Some S.			
	1 7 4 4 44	Dilty Card St			
3.0 7 009 4	1 to T/4 clayer	5.17 Say Sc			
3.5	7.57R 714 Chyry	4 K SHE S			_
42	2.570 7/4 Clarey	Silty Say SI			_
4.5	7.5 4R 7/4 Clayey	5. 17 SM SC			-
50	7.5 4A 7/4 Clayer	5, 177 Sul SL			-
5.5	7,54R 7/4 Clayey	SIMBLES			-
6.	7.5 4R 7/4 Clayery 2.5 4R 7/4 Clayery 7.5 4R 7/4 Clayery 7.5 7R 7/4 Clayery	Thy SHE 5-		• 1	
• SAMPLE METHODS	CONSTRUCTION METHO	DDS			
A - AUGER CUTTING		TARY METHOD P	- AIR PERCUS - TRENCHING	SION	
D - DRIVE TUBE S - SHELBY TUBE	C - CABLE TOOL D - DUG	B-	BOREHOLE - OTHER		
H - HAND SCOOP O - OTHER	J - JETTED	· ·			
m	9/15				
FORM COMPLETED BY: (SIGNATURE/DATE)	TECHNICAL REV	IEWER: (SIGN	ATURE/DATE)	

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-					SOIL BORING LOG	,	_					
SITE	D:	CRT	LD	150	DATE:	7//	5			1 01		
LOCA	TION	ID: _	01	34	BORE HOLE	DEPTI	1 (FT)	:	1	(9° ().	:	
BORE	BORE HOLE DIAMETER (IN): 24 CONSTRUCTION METHOD: A											
LOCA	LOCATION DESCRIPTION: Geophyical Ares 2, 160 =, 260 N											
	COMMENTS:											
FIEL) RE	PRES	ENT	ATIV	E(S): Johnson							
		LITHO	DLOGI	C LOC	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON	BACK	AS	NEEDED)		
П	F			(%)				АТА				
E	AL (FT)		0	RY (Δ			ا ا	
RVAL	AMPLE INTERVAL		AMPLE METHOD	AMPLE RECOVERY			00.	CONSTRCT WELL	<u>z</u>		ELEVATION (FT)	
INTE	Z	.E. 10	E ME	E RE		<u> </u> 	SRAPHIC LOG	TRC	BLOWS/ 6 IN		ATIO	
DEPTH INTERVAL (FT)	AMP	AMPLE ID	AMPI	AMPI	LITHOLOGIC DESCRIPTION	USCS	GRAP	CONS	BLOV	WATER DEPTH/ REMARKS	ELEV	
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15					75 YR 5/4 Clayey Silty Stre	sn					_	
2.0					2.5 41 5/4 Classey 5 1+7 Sal	Sn					<u> </u>	
2.0	T	bod	A		7.5 42 5/4 Clayer 4.1+7 said	sa						
3,0					7.5 YN 5/1, Clayer Siny Su	54						
3.5				1 /	12.571 514 Clayer Ga 14) De	5						
4.0					7.5 YR 5/4 Clayer Silty Sac 7.5 YR 5/4 Clayer Silty Sac	5~					-	
43					7.5 71 5/4 (Agry G) (17 Sou	5					-1	
50					75 YR 5/4 Clayey 5/17 5A	>					\vdash	
5.5					7.54x 5/4 Clayer 5/17/500	5						
6.0	ال			1	7.5 YR 5/4 Clayey 5.17/300	<u> ج</u>				1.		
		1										
-												
		<u></u>		<u> </u>	• CONSTRUCTION METUODS	<u> </u>	l	l	l	1	1	
** SAN		METHO R CUT			 CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD 			PERCU		l		
_		TUBE Y TUB	F		A - AUGERED OR BORED C - CABLE TOOL	-	- TREI	HOLE	3			
H-	HAND	scoo			D - DUG J - JETTED	0	- OTH	ER				
- 6 -	OTHE	n .			/ .							
	FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)											
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				SOIL BORING LOG	1 _	Ι,						
SITE ID:	:K	RTL	154	DATE:9	' . '			/				
LOCATI	ON ID: _	01	<u> 35 </u>	BORE HOLE				<u>e</u>				
BORE H	OLE DIA	METE	R (IN):	CONSTRUCT	ION N	ЛЕТН	OD: _	1-				
LOCATI	ON DESC	RIPTI	ON: _	Geographical Area ? 190N	780	E.		Cral	Iv. hests.	·4c		
LOCATION DESCRIPTION: <u>Geophysical Arec ? 1900, 380 E. crater. West Side</u> Incide crater rim												
COMMENTS:												
FIELD REPRESENTATIVE(S):												
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DEPTH INTERVAL (FT)	SAMPLE INTERVAL	SAMPLE METHOD	SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	USCS	GRA	CON	BLO	WATER DEPTH/ REMARKS	ELE		
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TECHNICAL REVIEWER: (SIGNATURE/DATE)

D - DUG

J - JETTED

ORM COMPLETED BY: (SIGNATURE/DATE)

H - HAND SCOOP

O - OTHER

Page 1 of												
	-				SOIL BORING	LOG						
SITE IC):	LR	י מ דד.	154	DATE	: 9/	15/8	4				
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-	SOIL BORING	LOG			
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4.5	7.5 YA 6/4 Chayey 114	60-1 Sp			
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H - HAND SCOOP O - OTHER	J - JETTED				
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	Page 1 of _										
	٠				SOIL BORING LOG	ı	1				
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SOIL BORING LOG	
SITE ID: DATE:	-
LOCATION ID: 0140 BORE HOLE DEPTH (FT): 6,0	-
BORE HOLE DIAMETER (IN): CONSTRUCTION METHOD:	-
NE Corner of Grid. Southern edge of SMALL depresion	-
COMMENTS:	_
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FIELD REPRESENTATIVE(S): Johnson	
LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED)	
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2.5 - 0001 A 7.5 YR 5/1 Clayery 51/4y Se	
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4.0 7.57R 4/4 Charger 5:17/20 50	
50 7.5 YR 4/4 C/4xxx 5 177 SALSC	
7.5 7 R 4/4 Clayer Giry Sal SC 5.5 7.5 7 R 4/4 Clayer Sity Sal SC 7.5 7 R 6/4 Clayer Sity Sal SC 7.5 7 R 6/4 Clayer Sity Sal Sc	<u> </u>
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• SAMPLE METHODS A - AUGER CUTTINGS • CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION	
D - DRIVE TUBE A - AUGERED OR BORED T - TRENCHING S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE	
H - HAND SCOOP D - DUG O - OTHER O - OTHER J - JETTED	
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Page 1 of									
		SOIL BORING LOG	, ·	,					
SITE ID: KRTL	0154	DATE:9	•						
LOCATION ID: OIL		BORE HOLE				Α.			
BORE HOLE DIAMETER	R (IN): 2	CONSTRUCT	ION N	1ETH(OD: _ \	A			
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COMMENTS:		Tide or Iwy							
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TECHNICAL REVIEWER: (SIGNATURE/DATE)									

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	·	•			SOIL BORING LOG	.) ,					
SITE	ID: _	KR	TLL	15	c/ DATE:				6.0	V	
LOCA	TION	ID:		717	BORE HOLE C				•	<u>y'</u>	
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СОМ	MENT	rs:									
FIEL	D RE	PRES	ENT	ATIV	E(S): Johnson						
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보	APLE	AMPLE ID	АМРСЕ МЕТНОВ	APLE		SCS	GRAPHIC	NST	ows/	WATER DEPTH/	ELEVATION (FT)
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15					7.54R 4/4 Clayey 5, 17,500	S					
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1	SOIL BOR							
SITE ID: KETLD 15	1	DATE: 9/16/9						
LOCATION ID: 0143		BORE HOLE DEPTH						
BORE HOLE DIAMETER (IN)	:_2	CONSTRUCTION M	NETHOD:^t	(
LOCATION DESCRIPTION:	Graphyrical Area?	Desert Fire (symy at	ON, 40E 0	gall			
COMMENTS:								
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** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER **ORM COMPLETED BY: (SIGNATURE/DATE) **ONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER T - TRENCHING T - TRENCHI								

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		_	_					RING LOG	a l	11				
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l				145					^		
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FORM COMPLETED BY: (SIG	O - OTHER J - JETTED 111 8 26						

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				,	SOIL BORING LOG	, ,					
SITE	D:	L	PTLE	154	DATE: <u>δ</u>	26/94			,		
LOCA	TION	ID:	019	53	BORE HOLE I			•	6		
BORE	BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: 17										
LOCA	LOCATION DESCRIPTION: Criston in Sur Corner of Geophysical Area 3 East size of Crasin Yen 170E										
	COMMENTS: Start at 0910										
COMI	MENT	S:	0400	T a	7 0110						
FIEL	D REI	PRES	ENT	ATIVE	E(S): 1/m						
					(FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	ON	BACK	AS	NEEDED)	
		LITHO	LOGI		(FOR THENCH, MAKE ADDITIONAL OIL						
E	<u>E</u>			%) >:				DATA			
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s-	SHELE	TUBE			C - CABLE TOOL	В		HOLE			
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1	81	N	7,-		8/2 ku						
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	SOIL BORING LOG	1126						
SITE ID: KRTCD 154 DATE: 8/26 BORE HOLE DEPTH (FT):								
LOCATION ID.								
LOCATION DESCRIPTION: 500, 150 \$ Geophysical Ara 3								
LOCATION DESCRIPTION: _	LOCATION DESCRIPTION:							
COMMENTS: Inside CIATE-								
FIELD REPRESENTATIV	E(S): Jbhaza							
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDITIONAL SKI	TCHES	ON	BACK	AS	NEEDED)		
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					SOIL BORING LOG	, 1					
SITE	ID:	ke1	ل	54	DAΤĖ:	•		1			
LOCA	TION	ID: _(0155)	BORE HOLE				<u> </u>		
BORE	HOL	DIAN	NETER	R (IN):	CONSTRUC						
LOCA	LOCATION DESCRIPTION: Geophysical Area 3, 200N 240E on grid. On South										
	COMMENTS: Start 10:25										
COM	MENT	S:	Hart	- [3							
FIEL	D RE	PRES	ENT	ATIVE	E(S): PM						
					(FOR TRENCH, MAKE ADDITIONAL SK	TCHE	ON	BACK	AS	NEEDED)	· · · · · ·
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D	- DRIVE	TUBE			A - AUGERED OR BORED C - CABLE TOOL	т		NCHIN HOLE	G		
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1	t	M	nie	1_	<u> 8/24/94</u>					105/0475	
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Page 1 of _{								
SOIL BORING LOG SITE ID: KR72D 154 DATE: 8 26 LOCATION ID: 0156 BORE HOLE DEPTH (FT): 6 CONSTRUCTION METHOD: 4 LOCATION DESCRIPTION: 260N, SLOE GEOPHYS ARA 3								
COMMENTS:								
FIELD REPRESENTATIV	E(S): Johnson							
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	ON B	ACK A	AS I	NEEDED)		
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	nscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)	
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FORM COMPLETED BY: (SIGNAT	0-OTHER J-JETTED							

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SITE ID: LETLD 15"	SOIL BORING LOG		194	,			
LOCATION ID: 0157	BORE HOLE		•	:			
PODE HOLE DIAMETER (IN).	2 CONSTRUC	TION M	ETH	OD: _	A		
LOCATION DESCRIPTION	Creatic is to creater	, 2407	<u> </u>	οn (49	Arch.	
Side of	cruter who cruter						
COMMENTS:							
	DVAS						
FIELD REPRESENTATIVE	E(S):						
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(FT)				רםץ			
THOU			90	WEL	Z		V (FT)
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30 1 0001 A 100	51147 Jane 374 17	SAL					
2.5	City Sond EVR 5/4	SEN					
3. 4	C. V. Co. 1 5 VE 5/4 Same Pork	sm					
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55 100	Silty Sand SYP S/4	5~					
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D - DRIVE TUBE S - SHELBY TUBE	A - AUGERED OR BORED C - CABLE TOOL	B-	BORE	HOLE	•		
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12.00	-/./.						
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	SOIL BORING LOG					Page 1 o	1+	
SITE ID: KR720/54 DATE: 8/26								
BORE HOLE DEPTH (FT):								
BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD: #								
LOCATION DESCRIPTION:	LOCATION DESCRIPTION: 200N, 2607 beophys Ara 3							
COMMENTS:	COMMENTS:							
FIELD REPRESENTATIV	/E(S): Johnson							
	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	ON	BACK	AS	NEEDED)		
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DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	CONSTRCT WELL DAT,	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)	
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** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	T - B-				I		
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SITE ID: KRTLD 15 LOCATION ID:O BORE HOLE DIAMETER (IN) LOCATION DESCRIPTION: COMMENTS:	160 BORE HOLE	DEPTH (FT):A
FIELD REPRESENTATIV	reisi: Inside CLATEC	
	G (FOR TRENCH, MAKE ADDITIONAL SKE	
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE RECOVERY (%)	7.5 LITHOLOGIC DESCRIPTION	GRAPHIC LOG CONSTRCT WELL DATA CONSTRCT WELL DATA CONSTRCT WELL DATA SYMPWAB S
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FORM COMPLETED BY: (SIGNAT	URE/DATE) TECHNIC	CAL REVIEWER: (SIGNATURE/DATE)

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		Page 1 of
	SOIL BORING	LOG
SITE ID: KKTLD 1.	54 DAT	E: 8/26/94
LOCATION ID: 0161	BOR	E HOLE DEPTH (FT):
BORE HOLE DIAMETER		STRUCTION METHOD: 17+
LOCATION DESCRIPTION	N: (rophysical area 3 -	Grad 300 8 7201
300N, 220 E		
COMMENTS: Stort	1622	
FIELD REPRESENTA	TIVE(S): PKM	
		NAL CYTTCHES ON BACK AS NEEDED)
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FIELD REPRESENTATIVE(S): Johnson										
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	SOIL BORING LOG	A							
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LOCATION ID: 02 17		DEPTH (FT): 4.5							
BORE HOLE DIAMETER (IN		TION METHOD: _/+							
LOCATION DESCRIPTION:	beophys Area 4 280E	F, 500 P							
COMMENTS:									
FIELD REPRESENTATIVE(S): Johnson									
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FORM COMPLETED BY: (SIGNA	RM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)								

SOIL BORING LOG SITE ID: KRT10154 DATE: 919194 BORE HOLE DEPTH (FT): 50 CONSTRUCTION METHOD: A LOCATION DESCRIPTION: Cecaphysical Area 4. Cond 350N, 2906 On top of small debits Divi.									
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• SAMPLE METHODS A - AUGER CUTTINGS • CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION									
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Page 1 of _{										
SOIL BORING LOG SITE ID: KRTLD 15'/ LOCATION ID: 0219 BORE HOLE DEPTH (FT): 5.0 CONSTRUCTION METHOD: 4 LOCATION DESCRIPTION: Geophysical Area 4, 260E, 360 B COMMENTS:										
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Page 1 of 1											
BORE HOLE DIAMETE	SITE ID: <u>VRTLD</u> 15'/ LOCATION ID: <u>022</u> BORE HOLE DEPTH (FT): <u>5.0</u> BORE HOLE DIAMETER (IN): <u>2"</u> CONSTRUCTION METHOD: <u>A</u> LOCATION DESCRIPTION: <u>Gently ical</u> Acol 290 F, 370 N COMMENTS:										
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	M	1_	_	8/	30/94						
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SOIL BORING LOG												
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	CONSTRUCTION METHOD: /t											
LOCA	OCATION DESCRIPTION: Toside large Crater North of Geophys Area 5											
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5,0					7.5 YR YN Clayers	ly spic	Ś٨					-
5.5					7.5 4R 4/4/ Clay 5117	y God	SIL					-
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D - DRIVE TUBE S - SHELBY TUBE C - CABLE TOOL B - BOREHOLE O - OTHER												
	OTHE				J - JETTED							
M	M	/_	_	8/	30/94							
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)												

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SITE I	D:	K	RTL	<u>.</u> 0 15	SOIL BORING LOG	1/20	94	1			
LOCAT					BORE HOLE		-	1	о А		
BORE	BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: A										
	LOCATION DESCRIPTION: Creophysical Area 5 - Crader just north										
COMM	COMMENTS:										
FIELD	RE	PRES	ENT	ATIVE	E(S): Pkan					· · · · · · · · · · · · · · · · · · ·	
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FORM C	FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)										

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FIELD REPRESENTATIV	BORE HOLE I EARS SILE OF CRAFE.	DEPTH SION M	(FT)	OD: _	A rea	5.	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD • SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small 7.5 YR 6/4 Clarry Silty Small	nscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
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MU 81	730/94 TURE/DATE) TECHNICA			. (6)6	ALA TIL	RE/DATE)	

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,	SOIL BORING LOG	1 1 .						
SITE ID: KRILD IS	DATE:	3/31/94						
LOCATION ID: 0238	BORE HOLE (DEPTH (FT): 4.5						
BORE HOLE DIAMETER (IN):	CONSTRUCT	TION METHOD:						
LOCATION DESCRIPTION: _	(reophysica) Area 5 North							
75 North of CIC & CIS (Green 1857) In a. G. III								
COMMENTS: Westernmost of 2 sociations.								
Y MILE OBSTROCKS TO SMEAT								
FIELD REPRESENTATIVE	(5):							
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S - SHELBY TUBE H - HAND SCOOP	O OTHER							
O - OTHER	TI TIME SCOOL							
11 Muss 8/3/194								
FORM COMPLETED BY: (SIGNATU	TECHNIC	AL REVIEWER: (SIGNATURE/DATE)						

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	SOIL BORING								
SITE ID: KRTLD	154 DA	TE: 8/3/	, 	(1 <					
LOCATION ID: Oc	139 BOI	RE HOLE DEPTH	1 (FT):	7.3					
BORE HOLE DIAMETER	R (IN): COI	NSTRUCTION N	METHOD: _	/1	. >>>				
LOCATION DESCRIPTI	ON: Geophy > ATA 5. 12 exposed pas.	75' NOT	74 2	73 ,					
COMMENTS: L	er obstruction As	4,51							
FIELD REPRESENT	ATIVE(S): Johnson								
LITHOLOG	IC LOG (FOR TRENCH, MAKE ADDITIO	NAL SKETCHE	S ON BAC	(AS	NEEDED)				
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T INT	W	· ·	GRAPHIC LOG	ows/ 6	WATER DEPTH/	/ATIC			
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7111-	8/3/	TECHNICAL RE	VIEWER- 181	SNATI	IRE/DATE)				
FORM COMPLETED BY: (S	IGNA (UKE/DATE)	TECHNICAL RE	VIEVVEN. (SIL	-11010					

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			SOIL BORING LOG						
SITE ID:	KRTLD	154	DATE:	31/9	14				
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BORE HOLE								4	
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COMMENTS.									
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IN A	m m ⊡ ∑	E RE			일	T RC	ows/ 6		4TI0
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT)	SAMPLE ID	AMPLE RECOVERY	DESCRIPTION	USCS	GRAPHIC LOG	CONSTRCT WELL DATA	Low	WATER DEPTH/ REMARKS	ELEVATION (FT
i s	တ် တိ	<u> </u>	Clayery Silfry Sand 542 5/4 Clayery Silfry Sand 542 5/4 Clayery Silfry Sand 542 5/4 Clayery Silfry Sand 542 5/4 Silfry Sand (Median/Course) 542 5/4 Silfry Sand (Median/Course) 542 5/4 Silfry Sand (Median/Course) 542 5/4 Silfry Sand (Median/Course) 542 5/4 Silfry Sand (Median/Course) 542 5/4 Silfry Sand (Median/Course) 542 5/4 Silfry Sand (Median/Course) 542 5/4	<u>ع</u>	0	-	4	Rock Fregy	<u>"</u>
,5-		100	Clayery 11 lby Sare 5/2 /4	20	49			Rock Fraga	
1.2		lan	Clary Silly stand 5 44 79	5<	~\1			1	
1.5-		104	auger Silty Sand 548 379	5				Rucketrajt	
2.0		w	Silty I and (Medun/Course) 54/2 14	SM			T	Cabble1	
25 0	. 1 a	100	Silty Send (moin/Carry) SYR 3/4	200	_			Cobb ha	
3.0		100	Silly Sand (Medical Course) 54K 5/4	SM				Cubbles	
75		ter	Silly Sand (Nod/Coarse) 54R3/4	8m	_	4	1	Cobbles	-
4.0		100	Sitty Sent (wellown) SP12 14	800	-			Cobbly	<u> </u>
1 To 1		100	Silty dead (and Course 548)4	5n	_		 	16	-
5,0		100	Silty Sure (Course) 5485/4	5	- 			<u>_</u> ~	<u> </u>
1	İ	100	Sitty Sent (ma) Course) SYRS/4 Sitty Sent (ma) Course) SYRS/4 Silty Sunt (course) SYRS/4 Silty Sunt (course) SYRS/4 Silty Sunt (course) SYRS/4 Silty Sunt (course) SYRS/4	m				4	-
60	-	1,00	Silty Sund (Gara) SURSH	5~			-	L1	<u> </u>
	-								-
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SAMPLE MET	THODS		CONSTRUCTION METHODS	_			00101		
A - AUGER C			R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED			PERCU NCHING		•	
S - SHELBY 1	TUBE		C - CABLE TOOL	_	BORE				
H - HAND SO O - OTHER	H - HAND SCOOP D - DUG O - OTHER O - O,THER ال - JETTED								
11	M		1.161						
FORM COMPLET	TECHNICAL REVIEWER: (SIGNATURE/DATE)								

				Page 1 of	+			
I	SOIL BORI	NG LOG	/~ ·					
SITE ID: KRTLD	154	DATE: 8/	3/					
LOCATION ID:O	24/	BORE HOLE DEPTH	1 (FT):	5.0				
BORE HOLE DIAMETE	R (IN): 3	CONSTRUCTION M	NETHOD:	1+				
LOCATION DESCRIPTI	ON: 2100' North of	239						
COMMENTS:								
	Tobasa							
FIELD REPRESENT	ATIVE(S): Johnson							
LITHOLOG	IC LOG (FOR TRENCH, MAKE ADD	TIONAL SKETCHE	S ON BACK	(AS NEEDED)				
SAMPLE INTERVAL (FT)	RY (%)	Į l	SRAPHIC LOG CONSTRCT WELL DATA					
DEPTH INTERVAL (FT) SAMPLE INTERVAL (F SAMPLE ID	MPLE RECOOCERY FITHOLOGIC DESCRIPT)G WEL	z	Œ			
INT O	REC		IC LC	<u>z</u> 9	NO F			
EPTH INTE	WPLE	NSCS	SRAPHIC LOG	WATER DEPTH/	ELEVATION (FT)			
0, 0,			6 0	료 REMARKS	립			
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1.0	104R 7/4 COARS SIL	ry sand sa			-			
1.5	JOYR 7/4 COARS SI	ry saw sal			<u> </u>			
2.0	10 48 4/11 (0 mm Si)	my sand som			_			
2.5	10 48 7/4 (0 mm Si) 10 48 7/4 (0 mm Si) 10 48 7/4 (0 mm Si) 10 48 7/4 (0 mm Si) 10 48 7/4 (0 mm Si)	17) SALL SA			_			
	1048 7/4 (OAMS 5)	ity sand is-			_			
3.0 TOOCH A	1041 7/4 (0Arse 5)	17 SANG 50			_			
14.0	1042 714 com St	ry Sad Sm						
4.5	1012 7/4 COAMS SI 1042 7/4 COAMS SI 1042 7/4 COAMS SI 1042 7/4 COAMS	my Sand 5-			_			
5.0	1104R 7/4 COAMS 4	silty sur sm						
35	10 1/27/4 C	Sity sad SA						
64	1 10 VA 2/1/ (OAM)	Silvi Sad SA						
	- - /2 /				L			
' -								
•• SAMPLE METHODS	CONSTRUCTION METH	ods						
A - AUGER CUTTINGS	R - ROTARY (STATE RO	TARY METHOD P	- AIR PERCU					
D - DRIVE TUBE S - SHELBY TUBE	A - AUGERED OR BORE C - CABLE TOOL	-	- TRENCHING - BOREHOLE	J				
H - HAND SCOOP	D - DUG J - JETTED	0	- OTHER					
O - OTHER J - JETTED								
m	8/3/							
FORM COMPLETED BY: (S	IGNATURE/DATE)	TECHNICAL REV	/IEWER: (SIG	NATURE/DATE)				

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					SOIL BORING LOG	1- 1					
SITE	ID:	10	CRTI	-01	5Υ DATE:						l
LOCA	TION	ID: _	С	124	BORE HOLE						
BORE	HOLI	E DIA	METE	R (IN):	2 CONSTRUCT	N NOI	1ETHO)D: _	<i>(</i> *	250()	• •
LOCA	TION	DESC	RIPTI	ON: _	Geophysical Avea S. North o	1 50	th s	tel	prox	te east	
LOCATION DESCRIPTION: Geophysical Avea 5. North of grid Approx 250' early of Ozyo & Ozyo. New Concrete pad covered with shell plate COMMENTS: Sample from Su Tide of pad											
COM	COMMENTS: Jarrel from Su side or pad										
FIEL	D RE	PRES	ENT	ATIVI	E(S): <u>Pkm</u>						
·					(FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	S ON	BACK	(AS	NEEDED)	
			200					∢			
(£	ار (F)			RY (9				LDAT		!	
1VAL	ERV/		THOE	OVE			50	. WEL	z		N (FT
NTE	EINT	ē 3	E ME	E RE(HIC L	TRCI	9/5/		EVATION (FT)
DEPTH INTERVAL (FT)	AMPLE INTERVAL (FT)	AMPLE ID	AMPLE METHOD	AMPLE RECOVERY (%)	VITUOLOGIO DESCRIPTION	USCS	GRAPHIC LOG	CONSTRCT WELL	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEV
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15_				134	clayer lity las (m) 54R 6/4	<i>د</i>				وم ماماما عدد	
10-				1-5	Character Sac SYRGH	Sc				صالماهات	
1.5				, o	Charles Sard 5405/4	SC					
2.6	T	0041	A	100	classe Silty Sent SYR 5/4	SC					
25-				/01	Class Sity Sand SYRS/4	JC					_
3.0-				100	clarey sitty said 5425/4	25					-1
3,5				100	Clary Silty Sand 54R SYR SYR Clargey Silty Sand 54R SYR SYR Clargey Silty Sand 54R SYR SYR Clargey Silty Sand 54R SYR SYR Clargey Silty Sul 54R SYR SYR SYR SYR SYR SYR SYR SYR SYR SY	Sc					-
715					SYRSH	2c				}	-
70-				(00	Circle Sand SYRSH	25					-
70-]	ļ			Chargey Sun Syn Syn Syn S/4	SC					-
				101	516 516	Sc				• .	-
_	14			(~	Chargey or try sale						
_						1					\vdash
									J		
		METHO			• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHO)	D P	- AIR	PERCU	101221	N	
D	DRIVE				A - AUGERED OR BORED	Т	- TRE		G		
		SCOO			C - CABLE TOOL D - DUG		- OTH				
	O - OTHER J - JETTED										
1 1	D-1 Min 8/31/54										
FORM	ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)										

		Page 1 of						
COMMENTS:	ON: North East Corner of Jorn east of Geophys area S	8/3/ E DEPTH (FT):						
	C LOG (FOR TRENCH, MAKE ADDITIONAL SKE	ETCHES ON BACK AS NEEDED)						
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID	SAMPLE RECOVERY (%)	GRAPHIC LOG GNSTRCT WELL DATA CONSTRCT WELL DATA BLOWS/ 6 IN HLOWS/ 6 IN						
0.5 1.0 1.5 2.5 2.5 2.5 4.0 4.0 4.0 4.0 55 6.0 -	10% 104R 7/4 Clayer Sitty Sand 104R 7/4 Clayer Sitty Sand 104R 7/4 Clayer Sitty Sand 104R 7/4 Clayer Sitty Sand 104R 7/4 Clayer Sitty Sand 104R 7/4 Clayer Sitty Sand 104R 7/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand 104R 5/4 Clayer Sitty Sand	5h 5n 25n 25n 25n 25n						
SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHO A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	HOD P - AIR PERCUSSION T - TRENCHING B- BOREHOLE O - OTHER						
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)								

												Page 1 o	1
,					SOIL BORIN	IG LOG	1 1						
SITE	D:	Ke-	TLDI	54	D/	ATE:	131	94					
LOCA					ВС	ORE HOLE D	EPTH	(FT):	<u> 6</u>	1			
[2C	ONSTRUCTI	ON M	ETH(DD: _	A			
. LOCA	TION	DESC	RIPTI	on: _(MOD bysical Area 5 - N	Porth of A	rer -	1)0	6.7	est	11-B		
N	Herr	most	-1 41	ten	phi in area. About Zus	adjucer	T 20	mg 1	12 Cc	luce	Line.	oue,	
LOCATION DESCRIPTION: Grop bysical Area 5 - North of Aver - Public Text 11-B Northernment of all scarped in area. About zon'east of desert fire carrys on road. COMMENTS: Westernment of all scarped in area.													
FIEL	D REI	PRES	FNT	ATIVE	E(S): 17 kan								
					(FOR TRENCH, MAKE ADDIT	IONAL SKE	CHES	ON	BACK	ASI	NEEDED)		
	T	LITHO	LOGI		(FOR TRENCH, WAKE ADDIT	IOIVAL SKE			< 1				
, E	E			AMPLE RECOVERY (%)					DAT.				
/AL (RVAI		HOD	OVER		ļ		و	WELL	7			(F.T.)
TER	INTE	٥	MET	REC(10 10	RCT	19/9			NOI
DEPTH INTERVAL (FT)	AMPLE INTERVAL (FT	AMPLE ID	SAMPLE METHOD	MPLE			uscs	GRAPHIC LOG	CONSTRCT WELL	BLOWS/ 6 IN	WATER		ELEVATION (FT)
DEP	SAI	SAI	SAI	S _A	Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand S Clayer Silty Sand Clayer Silty Sand Clayer Silty Sand Clayer Silty Sand	N 4/4	Š	Ū	ŏ	B	REIVIA	ARS .	
1.5				رمر	(layer Silty Sand	406/4	ر ادر			_	Rose d	ebris	
1,0				100	Clayer filly save 3	TYL 6/4	SC						
1.5				دور	clayed sittle 2001 2	YR G/4	SC						
20				100	Clarycy SI 17 ord	54R 6/4	SC						
125	-	UDD)	A	(00)	Clause City Sust	syr 6/4	2C						L1
3,0				160	1 Silty Soul	54R 6/4	FL						_
3.6				100 101	Clarged Silfy Scale	57R6/4	5-				1 60		
1400				100	Manay 18thy Sand	SYRUIT	SC				Rocks,	T Consu	-
5,0				Cag	changer silty sand	542914	36						-
				100	Sitty Fund SMR	-7/2	SM				Geven	+ L	-
led_	1			10.	clayer Silty Sand Wayer Silty Sand Wayer Silty Sand Wayer Silty Sand Silty Sand SYR Silty Sand SYR	1/2	SM				wer	• •	
Γ.	,												
ı —	<u> </u>			İ									
	L			<u> </u>	A CONSTRUCTION METHOD		<u> </u>		<u> </u>	1			
	* SAMPLE METHODS * CONSTRUCTION METHODS A - AUGER CUTTINGS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING												
S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE													
Н-	HAND	scoo			D - DUG J - JETTED		0	- OTF	ick				
	O-OTHER J-JETTED												
1	TECHNICAL REVIEWER: (SIGNATURE/DATE)												

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LOCATION ID:	SOIL BORING LOG 157 DATE: BORE HOLE (IN): CONSTRUCT ON: By 2" pipe w/ CAP M	E/3/ DEPTH (FT): TION METHOD:	<u>A</u>)	
COMMENTS:					
FIELD REPRESENTA	ATIVE(S): Johnson				
LITHOLOGI	C LOG (FOR TRENCH, MAKE ADDITIONAL SK	ETCHES ON BAC	CK AS N	EEDED)	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD	MPLE RECOVERY (%)	USCS GRAPHIC LOG CONSTRCT WELL DATA	aLows/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
0.5 1.0 2.0 2.0 2.0 3.5 4.0 4.5 6.7 6.7 6.7	LITHOLOGIC DESCRIPTION DOG LOYR 5/4 Clayer Silty Sand LO	500 L 300 L 501 L 501 L 501 L 501			
A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METH A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	OD P - AIR PERO T - TRENCH B- BOREHOU O - OTHER	NG		
FORM COMPLETED BY: (SI	GNATURE/DATE) TECHN	ICAL REVIEWER: (S	IGNATUR	E/DATE)	

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l	***	SOIL BORING I	, -							
SITE ID: KRTC	D 15		9/	<u>ا</u>						
LOCATION ID:	<u>0740</u>		HOLE DEPT			6.	<u></u>			
BORE HOLE DIAMET			TRUCTION		OD: _ =	0-	2			
LOCATION DESCRIP	TION: _	G.CACC.	so' ea	ا کوا کرمود	- L	OCA OCA	PNOS			
	COMMENTS:									
FIELD REPRESEN										
LITHOLO	LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED)									
E E	(%)				DATA					
SAMPLE INTERVAL (FT)	SAMPLE RECOVERY			,,	עברר כ			E		
SAMPLE ID	ECO			5070	CONSTRCT WELL	<u>N</u>				
SAMPLE I	APLE		SUS	GRAPHIC	NSTE	BLOWS/	WATER DEPTH/	EVATION		
SAN SAN		LITHOLOGIC DESCRIPTION		GR	S	<u> </u>	REMARKS	П		
0.5	100%	7.54R 6/4 Clayer 5/17 50	ne SA					_		
1.0		7.5 YR 411 Clayer 5 17 50 2.57 R 51 Clayer 517 5	and sh							
2.0		7.57 R 574 Clayer 51+7 5	and sn							
25 201 A		25 40 7111 Chara Silry 5		1						
3,0		7.5 YR 7/4 (hery 5/17) 5 7.5 YR 7/4 (layer 5/17) 7.5 YR 7/4 (layer 5/17) 7.5 YR 7/4 (layer 5/14)	SAZ SA		:			L		
3.5		7.57R 7/4 CAYET SILY	SAC SA					-		
4.0		7.5 YR 7/4 Clayer Silry 7.5 YR 7/4 Clayer Silry 7.5 YR 7/4 Clayer Silry 7.5 YR 7/4 Clayer Silry 7.5 YR 7/4 Clayer Silry 7.5 YR 7/4 Clayer Silry	Sac sa					-		
4.5		7.5 YR +/4 Clayey 5117	CAC CO					-		
50		7.57K 7/4 Clayer 51177	Suc 5							
3.5 6.0)	1	1 5 48 7/4 (layer 5 17)	SANC 3~				, ;			
1 2 2		7.5 /16 /17 (1879)								
-										
•• SAMPLE METHODS		CONSTRUCTION METHODS	METUOD E	- AIR	DEBC!!	AOI22	1			
A - AUGER CUTTING D - DRIVE TUBE	SS	R - ROTARY (STATE ROTARY) A - AUGERED OR BORED	1	- TRE	NCHIN		•			
S - SHELBY TUBE H - HAND SCOOP		C - CABLE TOOL D - DUG		B- BORE D - OTH						
O - OTHER	O - OTHER J - JETTED									
Mr	TECHNICAL REVIEWER: (SIGNATURE/DATE)									
FORM COMPLETED BY:	(SIGNATI	URE/DATE) T	ECHNICAL RE	VICVVE	1. (310	MAIO	HEIDAILI			

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				SOIL BORING LOG	. /	/				
SITE ID:	Ł	RTL	D 15	DATE:		-				
LOCATION I				BORE HOLE I				./		
BORE HOLE	DIAM	ETER	(IN):	Z CONSTRUCT	ION N	NETH	DD: _	11		
LOCATION I	DESCR	IIPTIC	ο ί ν:	Crowel P. 7. West side of oad. Furthert location wast	174	1.	PPR	sh al	50' east	
		<u> </u>	1 1	oad, further location was		7.0			,	
COMMENTS	S:	sec	. 57							
FIELD REP	RESE	NTA	ATIVE	E(S):						
					TOUT	CON	DACK	' A C 1	MEEDEDI	
	LITHO	LOGIC	CLOG	(FOR TRENCH, MAKE ADDITIONAL SKE	CHE	SUN		AS	NELDLOI	l
E E	ŀ		(%) ,				DAT/			
/AL (l	유	VER			U	VELL	_		Œ
INTE	٥	MET	RECC			010	3CT V	N 9 /		NO.
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT	SAMPLE ID	AMPLE METHOD	AMPLE RECOVERY		uscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/	WATER DEPTH/	ELEVATION (FT)
SAN	SAN	SAR	SA	LITHOLOGIC DESCRIPTION	Sn	g.	ö	BL	REMARKS	ᇤ
,5			14	Clayer Silty Sand SYR 6/4 Clayer Silty Sand SYR 6/4 Clayer Silty Sand SYR 6/4 Clayer Silty Sand SYR 6/4 Clayer Silty Sand SYR 6/4 Clayer Silty Sand SYR 6/4 Clayer Silty Sand SYR 6/4	50					-
1,0_			100	(layer Silly Sand SYR 97	دد				rock frague	7
1:5	2001 1	A	100	Claying Silty Sand Sylk 14	30				rock fragmer	7
20	1001		100	Clayer Silty Sink 34K 14	26					
r.<			100	Clayery Silly Sent 542 4	56					
3,2-1-16-1			100	Clupy J: try Sant 54k 94	'-					<u> </u>
-				It I had he at it	1					
-				aind direct hole						
- 1				prillee acjust 3 as						
				Wit obstruction C. Jay						
				prilled adjuant hole bit obstruction of 3 age Somple from 1.5-7.0						
										L
** SAMPLE M	IETHOD	<u>s</u>	L	CONSTRUCTION METHODS						
A - AUGER D - DRIVE	CUTTI			R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED			PERCU NCHIN		i	
S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE										
H - HAND SCOOP D - DUG O - OTHER O - OTHER J - JETTED										
ple	m-	,	01	1/44						
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)										

										Page 1 d	of
					SOIL BORING LOG	1.			,		
SITE	ID:		KOTI	D15	DATE:	12/	94				
		ID: _			BORE HOLE	DEPTI	1 (FT)	ک_ :	.5		
POR	= HOI	E DIA	METE	B (INI)	2 CONSTRUCT	TON N	лЕТН	OD: _	A		
LOCA	ATION	DESC	RIPT	ION:	Gran Pit. 75' enst of	rok	١.	No.	the	rn and	
					Grave Pit. 75' east of sample cree outside at Pi	it c	25				
					12/11						
FIEL	D RE	PRES	SENT	ATIV	E(S): 4km						
		LITH	വര	ic Loc	FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON	BAC	(AS	NEEDED)	
	_		1					<			
E.	F)			۲ (%)				DAT,			
VAL	RVA		皇	OVER			g	VELL	_		(FT)
ITER	INTE	Ω	MET	REC			C LO	CT.	9		NOI
DEPTH INTERVAL (FT)	SAMPLE INTERVAL (FT	SAMPLE ID	SAMPLE METHOD	SAMPLERECOVERY		SS	SRAPHIC LOG	CONSTRCT WELL	BLOWS/	WATER DEPTH/	ELEVATION (FT)
DEP.	SAN	SAN	SAN	SAN	LITHOLOGIC DESCRIPTION	uscs	GR	ပ္ပ	BL C	REMARKS	13
.5				100	Clappy Sifty Sound SYR Gly Clappy Sifty Sound SYR Gly Clappy Sifty Sand SYR Gly Clappy Sifty Sand SYR Gly Clappy Sifty Sand SYR Gly Clappy Sifty Sand SYR Gly Clappy Sifty Sand SYR Gly	56-				Rocks, Organic	
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1.5				ادى	Cluyy Sifty Sand SYR 8/4	2C					
2.0_				1-0	changes 5, thy Sond 5112 614	SC					
25				100	Clupy Silty Sul SYR VY	70				rocks	-
7.5		20-1	_	100	Clargey Silfy Sand SYN 4	Sc					-
7.5		1000	/.	\mathcal{C}°	Change Cilly Sand SYR 94	SC					
4.				100	Chang Silm Sand SYK 4/4	Sc					-
4,4				100	Clause Sitty Sand SYR 6/4	Sc					-
// /				100	Charan Silly Soul SYP Y	71					
5.5	~	-		(00	Chargery Silty Sond SYR 6/4 Chargery Silty Sand SYR 6/4 Chargery Silty Sand SYR 6/4 Chargery Silty Sand SYR 6/4 Chargery Silty Sand SYR 6/4 Chargery Silty Sand SYR 6/4	50					-
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					HI OF THE PERSON AND	1					-
					Stol 9 2 and						-
						<u> </u>				<u> </u>	
· SAI					CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD	, ,	AIR I	PERCU	SSION	1	
	DRIVE	TUBE	INGS		A - AUGERED OR BORED	Т	- TREN	CHIN			
		Y TUBE			C - CABLE TOOL D - DUG		BORE - OTH				
	9THEF				J - JETTED						
1	1	M.	,	5	1/94					. '	
ÉOBM (K	141		4	RE/DATE) TECHNICA	AL REV	IEW/ER	· (SIG	NATU	RE/DATE)	

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	,				SOIL BORING LOG	~ 1	1.	,			`
				LDI		1 1					
				02	` _				~		
BOR	HOL	E DIA	METE	R (IN):	CONSTRUCT						
LOCA	ATION	DESC	CRIPT	ION: _	Growl Pit. In Pit	مهم	+ 2	10, 1	(s) ~	cg&:	
СОМ	MENT	S:									
FIEL	FIELD REPRESENTATIVE(S): 1 km										
	* .	LITH	OLOG	IC LO	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON	BACI	(AS	NEEDED)	
(Æ			(%)	y to the second	·		DATA		·	
DEPTH INTERVAL (FT	AMPLE INTERVAL (FT)		ЕТНОО	SAMPLE RECOVERY			100	CONSTRCT WELL DA	<u>N</u>		(F) N
PTH INT	MPLE IN	AMPLE ID	SAMPLE METHOD	MPLERI		USCS	GRAPHIC LOG	NSTRC	9 /SMO	WATER DEPTH/	ELEVATION (FT
DE	S,	S A	S,	-	LITHOLOGIC DESCRIPTION		GR	ပိ	표	REMARKS	
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SOIL BORING LOG DATE: 9/2 BORE HOLD DEPTH (FT): BORE HOLD DEPTH (FT): LOCATION DESCRIPTION: CAPUL P: April 100 Per of Road, Dawn in Entropy 100 Per of Road, Dawn	ſ 														Page 1 c	11
BORE HOLE DIAMETER (IN): BORE HOLE DIAMETER (IN): CONSTRUCTION METHOD: Entrank to from pit of Road Down in Entrank to	ł							SOIL	BORIN	G LOG	-1	`				:
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	SOIL BORING LC	OG 9/1
SITE ID: KRTLD /	7075.116	OLE DEPTH (FT):
LOCATION ID: _OQ	D CONSTR	RUCTION METHOD: 7
BORE HOLE DIAMETER	(IN): CONSTR	of Pood For west
LOCATION DESCRIPTION	2 75' from road south	of Road, Far west
COMMENTS:		
FIELD REPRESENTA	ATIVE(S): Johnson	
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	SOIL BORING LOG	1.					
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BORE HOLE DIAMETE	R (IN): CONSTRUCTI				1	5.	-
LOCATION DESCRIPT	ION: Dip 5 755T WET Side O	eved	CDA	Twe		depression	z
COMMENTS:	- A Dais						
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FIELD REPRESENT	ATIVE(S): Johnson]
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					SOIL BORING		/	,				
SITE II	SITE ID: KRTWIFY DATE: 9/1/94											
LOCA	OCATION ID: 0254 BORE HOLE DEPTH (FT): CONSTRUCTION METHOD:											
				. //8/1	7 CONS	TRUCTI	ON N	VETH(DD: _	A	•	ŀ
LOCA	OCATION DESCRIPTION: Dip 5 Area Just west of road (15') in Lynasium One rooth side											
COMM	MENT	S:										
FIELD	RE	PRES	ENT	ATIVE	E(S):							
					(FOR TRENCH, MAKE ADDITION	AL SKET	CHE	S ON	васк	AS	NEEDED)	
			72001									
E	(FT)	.		RY (%		ļ			LDA			
IVAL	ERV/		THOU	OVE				90	WEL	z		ELEVATION (FT)
N	E INT	<u>.</u>	E ME	E REC				HCL	TRC1	3/6		ATIO
DEPTH INTERVAL (FT)	SAMPLE INTERVAL	SAMPLE ID	AMPLE METHOD	AMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION		uscs	GRAPHIC LOG	CONSTRCT WELL DATA	BLows/	WATER DEPTH/ REMARKS	ELEV
<u> </u>	ŝ	Ś	ŝ	S	Clypy Sity Sand 54R Clypy Sity Sand 54R Clayery Sitty Sand 54R Clayery Sitty Sand 54R Clayery Sitty Sand 54R Clayery Sitty Sand 54R Clayery Sitty Sand 54R Clayery Sitty Sand 54	5/4	٥٥				organics	
1,5-				100	(1) 5th Sand 541	5/4	sc				'	
110				100	C1749 5119 Oak 5 1 5 48	5/4	۲۷					_
1.5				100	Clayer Silly Sand SVI	25/4	SC					
2.0					carged site Soul SY	127/3	SC	-			Covent!	
2.5	T	000	ρc	lov	Clupy STAT Such St	127/2	50				Sur cerenta	100
3.	!			100	(1 yes Sile Sent 5)	10 1/3	2.c			-		\vdash
1.0				100	Classiff hilly Sand 5	427/2	SC	-			Ť '`	\vdash
45				130	Clayer Silly End 5	4276	SC	-		_	+ '\ ,	H
1.0				100	clayer Silly Sand S	4R7/3	SC	 			1 ()	
25				100	Claypy S. Ity Sand S	YP 1/3	70	-				
,2	1			12	Clargery Silty Sand 5 Clargery Silty Sand 5 Clargery Silty Sand 5 Clargery Silty Sand 5 Clargery Silty Sand 5 Clargery Silty Sand 5 Clargery Silty Sand 5 Clargery Silty Sand 5	414 73	ے ر					
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$\mid \dashv$												
·· SAN	** SAMPLE METHODS											
		R CUTT	INGS		R - ROTARY (STATE ROTARY A - AUGERED OR BORED	METHOD	Т	- TRE	NCHIN		•	
S - :	SHELB	Y TUB			C - CABLE TOOL D - DUG		_	- BORE - OTH				
	OTHE	SCOO R			J - JETTED							
1/		, ,	111.	-	9/1/94							
PORM C	ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)											

,				Page 1	ol
	SOIL BORING LOG	. / .	*		
SITE ID: KRTZB (•		<i>(</i> 0	_
LOCATION ID: DR				6.0	-
BORE HOLE DIAMETER	(IN): CONSTRUCT			1+	-
LOCATION DESCRIPTIO	N: Dir 5 tost, west of Rom	1 8 7	> ' r	lear (entr	
of Depart	551.~				_
COMMENTS:					_
FIELD REPRESENTA	TIVE(S): Johnson				_
LITHOLOGIC	LOG (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES ON	BACK	AS NEEDED)	
F E	8		DATA		
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID	LITHOLOGIC DESCRIPTION		ELO		E
SAMPLE INTERVAL SAMPLE ID SAMPLE METHOD	CO	JSCS GRAPHIC LOG	CONSTRCT WELL	<u>Z</u>	ELEVATION (FT)
SAMPLE IN	P.E.	S	ISTR(WATER DEPTH	' AY
DEPTH INTERVAL (FT) SAMPLE INTERVAL (F SAMPLE ID	LITHOLOGIC DESCRIPTION	USCS	NO CO	REMARKS	ELE
	08/27.5 YR 5/4 clayer Silty Sant	52			-
	7.5 YR 4/4 Clayery Silty Sand 7.5 YR 4/4 Clayery Silty Sand 7.5 YR 4/4 Clayery Silty Sand 7.5 YR 4/4 Clayery Silty Sand	30			
1.5 2.0 2.5 — acol 9	7.5 YR 4/4 Clayey 5:117 SANG	S.~			_
2.0	7.5 YA Y/4 Clayer Sity Sand	5.^			_
2.5 - 9001 9	7.5 YR 5/4 Clayer Silvy SAZ	34			-
3.0	7.548 \$14 Clayer > 17 >	6			-
3.5	7.5 YR 5/4 Clayery Silvy SAN 7.5 YR 4/4 Clayery Silvy SAN 2.5 YR 4/4 Clayery Silvy SAN 2.5 YR 6/4 Clayery Silvy SAN 2.5 YR 6/4 Clayery Silvy SAN	sn			-
4.0	2.548 6/4 (MTCY 317)				-
4,5	7.57R 7/3 Clayer Sity SAC 7.57R 7/3 Charey Sity SAC 75 8R 7/3 Clayer Sitry SAC 7.57R 7/7 Cuarcy Sitry SAC	50			\vdash
6.0	7.570 713 Charey S. F. SA	5-			-
5.5	75 58 7/3 Clayey 51 by 500	30			-
6.0	- 4.3.71 4/7 CVA/27 78107 >44	54			-
					
		·			-
•• SAMPLE METHODS A - AUGER CUTTINGS	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD	P - AIR	PERCUSS	SION	
D - DRIVE TUBE	A - AUGERED OR BORED C - CABLE TOOL	T - TRE			
S - SHELBY TUBE H - HAND SCOOP	D - DUG	0 - OTh			
O - OTHER	J - JETTED				
1111 0	7//				
FORM COMPLETED BY: (SIGN	ATURE/DATE) TECHNICA	AL REVIEWE	R: (SIGNA	ATURE/DATE)	

							Page 1 o	11
COMMENTS:	254 ER (IN): TION: _ TATIVI	BORE HOLE I CONSTRUCT DIP 5 Avea. Depresion justing	DEPTH ION M	NETH(OD: _) &		
LITHOLO	GIC LOC	FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON		AS	NEEDED)	
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID	AMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	nscs	SRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
1.5 2.5 2.5 2.5 4.0 4.5 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	100 100 100 100 100 100	Chapey Sity Sand 54R 5/C Clayery Sity Sand 54R 5/C Clayery Sity Sand 54R 5/6 Clayery Sity Sand 54R 5/6 Clayery Sity Sand 54R 7/2 Clayery Sity Sand 54R 7/2 Clayery Sity Sand 54R 7/3 Clayery Sity Sand 54R 7/3 Clayery Sity Sand 54R 7/3 Clayery Sity Sand 54R 7/3 Clayery Sitry Sand 54R 7/3 Clayery Sitry Sand 54R 7/3 Clayery Sitry Sand 54R 7/3 Clayery Sitry Sand 54R 7/3 Clayery Sitry Sand 54R 7/3 Clayery Sitry Sand 54R 7/3	S C S C S C S C S C S C S C S C S C S C				Cencertation 4 4	
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER ** CONSTRUCTION METHODS R - ROTARY METHOD A - AUGERED OR BORED T - TRENCHING B - BOREHOLE O - OTHER J - JETTED								
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)								

-						Page 1 of	4
SOIL BO	RING LOG						
SITE ID: KRTLD 154	DATE: _9/						
LOCATION ID: 0257	BORE HOLE D						
BORE HOLE DIAMETER (IN):	CONSTRUCTION						
LOCATION DESCRIPTION: D.O 5 TEST. F	iss depre	35/4	<u>~</u>	eas	5 D	F ROAD	
_ Southern Ent							
COMMENTS:							İ
FIELD REPRESENTATIVE(S): JOHNSON							
LITHOLOGIC LOG (FOR TRENCH, MAKE A	DDITIONAL SKET	CHES	ON	ВАСК	ASI	NEEDED)	
AMPLE INTERVAL (FT) AMPLE ID AMPLE RECOVERY (%)				LDATA			
THOD COVE			007	CONSTRCT WELL	N 9		ELEVATION (FT)
E REC			HC L	TRCI	9 /SMO		ATIOI
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE METHOD ' SAMPLE RECOVERY (CAMPLE RECOVERY	RIPTION	uscs	SRAPHIC	CONS	вгом	WATER DEPTH/ REMARKS	ELEV
0.5 100% 7.5 YR Y/4 Clayey Sily 1.5 YR 5/4 Clayey Sily 2.5 YR 5/4 Clayey Sily 2.5 YR 5/4 Clayey Sily 2.5 YR 5/4 Clayey 7.5 YR 5/4 Clayey 7.5 YR 5/4 Clayey 7.5 YR 5/4 Clayey 7.5 YR 5/4 Clayey 7.5 YR 5/4 Clayey 7.5 YR 5/4 Clayey 7.5 YR 6/4 Clayey 7.5 YR 6/4 Clayey 7.5 YR 6/4 Clayey	7 Spel	51					
1.0 25 98 5 84 Clayey S	147 SANZ.	٥					_
1.5 1.5 2.5 YR 5/4 Clayey 2.5 YR 5/4 Clayey 2.5 YR 5/4 Clayey 2.5 YR 5/4 Clayey 2.5 YR 5/4 Clayey	Silty SAN	\$					-
2.5 YR 5/4 (14/4)	5177 Sine	~					-
25 TOO! 4 7.54R 5/9 Chare	Silve Stad	50					
3.0 7.54R 5/4 Clayer	sign some	5-					
7.5 1 2.5 1 6/4 Claye	417 SAME	y					
0 d 7.570 6/4 C/4/E)	Silvy SAL	5~					
5,0 2.57R 8/4 Clayey	Silty Sons	g					
4.0 4.5 5.0 6.5 6.0 7.57R 8/4 (layer) 7.57R 8/4 (layer) 7.57R 8/4 (layer)	Cin Car	حر					—
6.0 1 1 7.57R 8/4 Clayer	مار رادار						-
					i		<u></u>
1 - 1 1 1							
					<u></u>	1	J
- ** SAMPLE METHODS CONSTRUCTION MI A - AUGER CUTTINGS R - ROTARY (STATI	ROTARY METHOD			PERCU		ı	
D - DRIVE TUBE A - AUGERED OR B S - SHELBY TUBE C - CABLE TOOL	ORED	B-	BORE	HOLE	S.		
H - HAND SCOOP D - DUG O - OTHER J - JETTED	,	0	- OTH	ER			
2222 211							
FORM COMPLETED BY: (SIGNATURE/DATE)	TECHNICA	L REV	IEWEF	R: (SIG	NATU	RE/DATE)	

			Page 1 o	′_
	SOIL BORING LOG	1 1		
SITE ID: ICATLD	54 DATE: 9/	194		
LOCATION ID: 0258	BORE HOLE	DEPTH (FT):	(
BORE HOLE DIAMETER (IN):	2 construct	ION METHOD:f		
LOCATION DESCRIPTION: _	DIPS AREA. Depression	on just ea	of of road (
On north	Side of defression			
COMMETTED.	Search of layer with artall	uzidnes		
FIELD REPRESENTATIV	FIST. DIV			
	2,07.			
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES ON BACK A	AS NEEDED)	
(F) (%)		ATA		
/AL (FT (FRY		ברר ם		E
ETHC		LOG	<u>z</u>	NO
AMPLE INTERVAL (FT) AMPLE ID AMPLE METHOD * AMPLE RECOVERY (%)		일 분	WATER DEPTH/	ELEVATION (FT)
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD ' SAMPLE RECOVERY (*	LITHOLOGIC DESCRIPTION	USCS GRAP CONS	REMARKS	ELE
C wo	Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6 Chapty Silty Sand SYR 5/6	SC		
0	augus Silty Sand 5 YR 5/6	50		
5	Claser Silty Sand 5425/4	50		
0 101	Claser Sily Sand SYRS/4	10	_ metallic	<u> - </u>
5 0001 A 100	clarger Silty Send 54RSke	sc	reidues	-
3.00 A 100	Chargey 8174 Sand SYR 5/6	30	- mulatic reside	1 1
1602	dayy silty Sand SYR SIE	54	verious s	اهم ما
100	Clayer Silty Sand SYL 1/6	Sc		
1,5	Cluyy Silty Tand 542 5/6	20		
0 66	Clases Silty rand PYES/L	SC		
5_ (20	Chypy Silly same Syruff	20		
·	Clayer Silty Sand SYL 1/4 Clayer Silty Sand SYL 1/4 Clayer Silty Sand SYL 5/4 Clayer Silty Sand FYL 5/4 Clayer Silty Sand SYR5/6 Clayer Silty Sand SYR5/6 Clayer Silty Sand SYR5/6			
-				
* SAMPLE METHODS	CONSTRUCTION METHODS			
A - AUGER CUTTINGS D - DRIVE TUBE	R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED	P - AIR PERCUSS T - TRENCHING	ION	
S - SHELBY TUBE	C - CABLE TOOL	B- BOREHOLE O - OTHER		
H - HAND SCOOP O - OTHER	D - DUG J - JETTED			
M . M. T	glilaro			
ORM COMPLETED BY: (SIGNAT	IRE(DATE) TECHNIC	AL REVIEWER: (SIGNA	TURE/DATE)	

	COU DODING	100	Page 1 of					
SOIL BORING LOG SITE ID: KRTID 157 DATE: 9/1 LOCATION ID: 0959 BORE HOLE DIAMETER (IN): 39 CONSTRUCTION METHOD: A								
COMMENTS:	N: Dip 5, East of Ro	A4 7 00 C401						
	TIVE(S): Johnson LOG (FOR TRENCH, MAKE ADDITIO	NAL SKETCHES ON BACK AS	S NEEDED)					
PTH INTERVAL (FT) AMPLE INTERVAL (FT) AMPLE ID	AMPLE RECOVERY (%)	SRAPHIC LOG CONSTRCT WELL DATA	ON (FT)					
0.5 1.0 1.5 2.0 3.5 4.0 3.5 4.0 4.5 5.0 5.5 6.0 4.5 5.0 5.5 6.0 7.5 6.0 7.5 6.0 7.5 7.0 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	IOTO 104R 5/4 (14xxy 5/17) IOTR 5/4 (14) 17 5/17 IOTR 5/4 Clayer 5/17 IOTR 5/4 Clayer 5/17 IOTR 5/4 Clayer 5/17 IOTR 6/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17 IOTR 7/4 Clayer 5/17	SALL SILL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL SALL SIL						
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER O - OTHER								
FORM COMPLETED BY: (SIG	ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)							

·			Page 1 of					
OTI	SOIL BORING LOG SITE ID: DATE:							
SITE ID: CRICIC	DATE: _	OLE DEPTH (FT):						
BORE HOLE DIAMETER (IN)		RUCTION METHOD: A						
LOCATION DESCRIPTION	JIPS Area Flet un	e east of road.	East of					
	reases depresson to cos	id Approx 751	at of roce.					
COMMENTS:								
FIELD REPRESENTATIV	E(S): 7Em							
		OVETCUES ON BACK AS	NEEDED					
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDITIONAL	SKETCHES ON BACK AS	NEEDED!					
(F) (%) Y		DAT/						
VAL (, VELL	E					
INTE ID ID		IC LOG	NOI					
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE METHOD		USCS GRAPHIC LOG CONSTRCT WELL	WATER DEPTH/ NEMARKS					
	LITHOLOGIC DESCRIPTION	5/4 50 0 8	REMARKS 급					
/5 //66	Clupy Silty Sand SYR Slagey Silty Sand SYR Slagey Silty Sand SYR Slagey Silty Sand SYR Clayer Silty Sand SYR Clayer Silty Sand SYR Silty Sand SYR Silty Sand SYR Silty Sand SYR Silty Sand SYR 8/	14 50						
1:0-	Clary Silly Tack 39K	5/4 SC						
1.5	Clayery Silty rans 5 416	5/4 56						
2.5 0001 A 120	Clary Silly Suns Str	s/v sc	General _					
32 00	Clary 31/79 - 548 8/	, sm	cevent -					
3,5	SILY SAL SYR 8/	, 5m	- " -					
4,2	July sond SYR8/	, 5~						
4,5 00	5114 Sond 5428/ 5114 Sond 5428/ 5114 Sond 5428/ 5114 Sond 5428/ 5114 Sond 5428/	SM						
5,2 100	5114 Sand -548 8/	1 5	' -					
85 100	Silty send Syr 1/	1 5m						
600 KO2	Silty Sund SYR /	Sm						
** SAMPLE METHODS A - AUGER CUTTINGS * CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION								
D - DRIVE TUBE	A - AUGERED OR BORED	T - TRENCHING B- BOREHOLE						
S - SHELBY TUBE H - HAND SCOOP	C - CABLE TOOL D - DUG	O - OTHER						
O - OTHER	J - JETTED							
AT KMILL	ATKMIN 9/1/9 4 TECHNICAL REVIEWER: (SIGNATURE/DATE)							
FORM COMPLETED BY: (SIGNATI	ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)							

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		سر	SOIL BORING LOG	1,				÷	
SITE ID: _K	RTL	D 15	DATE:		LIFT		6	. 0	
LOCATION I		TCD 444	CONSTRUCT	ION M	1FTH	nn:	12	_	
BORE HOLE	DIAME	TEH (IN):	STP 5 Fort of Road 5	ار ک ار	201	20		224	
LOCATION I	CSCRI	on.	SEP 5, EAST of ROAD &					,	
COMMENTS									
FIELD REP	RESEN	IVITATI	E(S): Johnson						
	LITHOLO	OGIC LOC	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	S ON	BACK	(AS	NEEDED)	
		(%)							
(FT) AL (FT)						LDA.			
RVAL		COVE			90	. WEL	Z		E
ar a	<u>n</u>	AMPLE RECOVERY			HIC L	TRCI	18/6		ATIO
DEPTH INTERVAL (FT) SAMPLE INTERVAL (F	AMPLE ID	SAMPLE RECOVER	LITHOLOGIC-DESCRIPTION	uscs	SRAPHIC LOG	CONSTRCT WELL DATA	BLOWS/	WATER DEPTH/ REMARKS	ELEVATION
0.5	S C		7.5 YR 5/41 Clayer Slay Sac	Sn					
		1010	7.54R 5/4 Clayery Silty SANZ	Sn					
10 1.5 20 25 30 ~ 0			7.54R 5/4 Clayery Silty SANZ 7.54R 5/4 Clayery Silty SANZ 9.54R 5/4 Clayery Silty SANZ	جم					_
20			9.5 YR 5/4 (layer Silty SANZ	54					_
25			7.5 YR 5/4 Clayery Sitty SAME 7.5 YR 5/4 Clayery Silty SAME 7.5 YR 5/4 Clayery Silty SAME	39					-
30 70	1001 A		7.5 YR 5/4 CAPEY SILTY SANC	21					-
3.5			7.548 6/4 Clayery Silty SAVE	Sh					
4.0			7.5 7 6/7 City	Sun.					
4.5		}	10YR 8/3 Clayed Stry	CA					<u> </u>
50			loye 8/3 (layer Site Car						一
4.5 5.0 5.9 6.0			1048 8/3 (layery Silzy SALL 1048 8/3 (layery Silzy SALL 1048 8/3 (layery Silzy SALL 1048 8/3 (layery Silzy SALL	54					
10,0			Total and a second					·	
						1			
SAMPLE M	ETHODS		CONSTRUCTION METHODS						
A - AUGER D - DRIVE		3S	R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED			PERCU NCHIN		ı	
S - SHELBY	TUBE		C - CABLE TOOL D - DUG		BORE - OTH				
O - OTHER	•		J - JETTED				•		
In	20		9//						
FORM COMPLE	ETED BY:	(SIGNATU	JRE/DATE) TECHNICA	AL REV	IEWE	R: (SIG	NATU	RE/DATE)	

					Page 1 o	14	
SITE ID:		G LOG TE:		·			
BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: A LOCATION DESCRIPTION: DIP 5 Area. 2nd depression from 10-d. Approx							
COMMENTS:	or from road. North	site of he	pression				
FIELD REPRESENTATIVE							
LITHOLOGIC LOG	(FOR TRENCH, MAKE ADDITIO	NAL SKETCHE	S ON BAC	KAS	NEEDED)		
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD ' SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	nscs	GRAPHIC LOG	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)	
1.5 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	Clayer Silty Sand Clayery Silty Sand Clayery Silty Sand Clayery Silty Sand Clayery Silty Sand Clayery Silty Sand	P 5/4 SC P 5/4 SC 1 P 5/4 SC YP 5/4 SC YP 5/4 SC YP 5/4 SC			wood brognest wood bright course from the feet from the course from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet from the course flet flet from the course flet flet from the course flet flet from the course flet flet from the course flet flet flet flet flet flet flet fle) 	
* SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER * CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD T - TRENCHING B - BOREHOLE O - OTHER O - OTHER * CONSTRUCTION METHODS D - AIR PERCUSSION T - TRENCHING D - DUG O - OTHER							
FORM COMPLETED BY: (SIGNATURE)	al/g4 RE/DATE!	TECHNICAL RE	VIEWER: (SI	SNATU	RE/DATE)		

SOIL BORI	Page 1 of						
	ATE: 9/1						
0114 101	ORE HOLE DEPTH (FT): 60						
4.	ONSTRUCTION METHOD:						
BORE HOLE DIAMETER (IN): 2"	Read 2 conserved						
LOCATION DESCRIPTION: Dip 5, EAST between 200 + 300 depression	>						
COMMENTS:							
FIELD REPRESENTATIVE(S): Johnson							
LITHOLOGIC LOG (FOR TRENCH, MAKE ADDI	IONAL SKETCHES ON BACK AS NEEDED)						
F (F) (%)	₹ .						
	LL DAT						
AMPLE INTERVAL (F AMPLE ID AMPLE RECOVERY AMPLE RECOVERY	JSCS SRAPHIC LOG SRAPHIC LOG CONSTRCT WELL CONSTRCT WELL HTGOWS/ 6 IN ELEVATION (FT)						
	SSCS SRAPHIC L SONSTRCT CONSTRCT BELOWS/ 6 BELOWS/ 6						
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE METHOD SAMPLE RECOVERY (9 SAMPLE ALL METHOD SAMPLE AL	N S GRAD S NO WATER DEPTH/ N REMARKS						
10 10 10 YR 5/\$ (/4 yey 5)	ty sand sn						
10 104R 5/4 Clayer Sil	7 500 50						
1.5 20 104R 514 clayery 511	7 Sand 3m						
20 104R 514 clayey 511	, Sare su						
25 T 0001 A 104R 514 Clayer Silv	, sand sa						
3.0 pyr 5/4 (14/ey 5/4	, Sout SA						
3.7 \ loyr 744 Clayey Sil	y sme Some						
	SAND GAN CONDITION						
1048 74 (144ey 51/4) 50 60 1048 74 (144ey 51/4) 1048 74 (144ey 51/4) 1048 7/4 (144ey 51/4) 1048 7/4 (144ey 51/4) 1048 7/4 (144ey 51/4) 1048 7/4 (144ey 51/4)	Surc 3-						
SO HOYE 7/4/Clayorsity	5 and 5						
SS 104R 7/4C/Ayey S.h.	SANC						
6.0 L 10 1/2 3/4 c/ayery 5:0	V Sec - _ -						
-							
* SAMPLE METHODS A - AUGER CUTTINGS CONSTRUCTION METHO	ARY METHOD P - AIR PERCUSSION						
D - DRIVE TUBE A - AUGERED OR BORED S - SHELBY TUBE C - CABLE TOOL	T - TRENCHING B- BOREHOLE						
H - HAND SCOOP D - DUG	O - OTHER						
O - OTHER J - JETTED							
TECHNICAL REVIEWER: (SIGNATURE/DATE)							

			-							Page 1 o	ot _/
,				•	SOIL BORING LOG	,	1			•	
SITE	ID: _	14	RTL	015	f DATE:9	///	94				
LOCA	TION	ID: _	20	64	BORE HOLE	DEPTH	(FT)):	<u>Q</u>		
BORE	HOL	E DIAI	мете	R (IN):	CONSTRUCT	ION N	NETH	OD: _	1+		
LOCA	TION	DESC	RIPT	ION: _	<i>?</i>						
COM	COMMENTS: (DIPS Area. For extern depression North side of depression										
					~ 200 from road						
FIEL	D RE	PRES	ENT	ATIV	E(S): 1/cm						
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S - 5	SHELB'	Y TUBE			A - AUGERED OR BORED C - CABLE TOOL	B-	BORE	HOLE			
	H - HAND SCOOP D - DUG O - OTHER O - OTHER J - JETTED										
H	1-1 mi glilas										
FORM C	OMPL	ETED B	Y: (SI	GNATU	RE/DATE) TECHNICA	AL REVI	EWER	: (SIGI	NATUR	RE/DATE)	

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				SOIL BORING LOG	/.	100				
SITE ID:	KI	2721	> 1	54 DATE: 9	,			1,		
LOCATIO	ON ID: _		UEG	BORE HOLE CONSTRUCT				A		
BORE H	DLE DIA	METER	R (IN):	DIP 5, EADS of RO				الم	epression	
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D - DR	VE TUBE			A - AUGERED OR BORED C - CABLE TOOL	T		CHIN			
H - HA	ND SCOO			D - DUG		- OTH				
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/h	<u> </u>	n	CNATI	JRE/DATE) TECHNIC	AL REV	'IFWFF	: (SIG	NATU	RE/DATE)	

LOCATION ID: BORE HOLE DIAMETER LOCATION DESCRIPTION LOCATION DESCRIPTION COMMENTS: FIELD REPRESENTA	ON: Generator Site, 2 10' eq	EPTH (FT): ON METHO	D: _A	10AC.	of	
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10-				رىد	Changey Silty Soud S KR 1/4	Sc					-
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D	D - DRIVE TUBE A - AUGERED OR BORED T - TRENCHING S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE										
н	H - HAND SCOOP D - DUG O - OTHER O - QIHER J - JETTED										
1	White of the state										
	2000	10 ./	Mes	CNAT	9/1/6 4 TECHNIC	AI RE	/IEW/FF	t: (SIG	NATII	RE/DATE)	
июнм	COMP	LEIED	o t : (5)	UNAIL	RE/DATEY TECHNIC	-14 11E	16746	,5,5			

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-				SOIL BORIN		1 1	1				
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LOCATION	DESC	CRIPTI	ON: _	Crococator S. Ale o	n hish	ave	۹.	<u> </u>	nor th	rest trom	
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NTER EINT	<u>e</u>	E ME	E REC				10 L	rRCT	OWS/ 6 IN		TION
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S OE	N N	Š	S.	LITHOLOGIC DESCRIPTION	N VD 5/4	5 C	٥	<u> </u>	83	Rocki cisonda	
\S			100	Clarger Sitty Sound S	VR 5/4	Sc				,	
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18-			ان ا	Silty Send SYR S/4		Su					
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ار ا				HIT OBSETTE TO							<u> </u>
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				obstruction at "	3-1						_
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SAMPLE A - AUGE				 CONSTRUCTION METHOD R - ROTARY (STATE ROTA 		Р-	AIR P	ERCUS	SSION		
D - DRIVE	TUBE			A - AUGERED OR BORED C - CABLE TOOL		-	TREN	CHING	i		
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the	-	Mess		9/2/94			<u> </u>	. (0101	1 A T2 10	E/DATE)	
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		-				Page 1 o	
-		SOIL BORING LOG					~
SITE ID:	KETCI	154 DATE: 9	12/94	1	***************************************		
LOCATION ID:			• •	(FT):	5		
BORE HOLE DIAM	METER (IN): 2 CONSTRUCT	ION ME	THOD: _	A		
LOCATION DESC	RIPTION:	Concertor Site Next to St On North Side of Wall.	recl r	etuinia	, u	.lla	
		On north Tite of wall.				•	
COMMENTS:							
CIELD DEDDES	ENTATI	VE(S): PICA					
FIELD REPRES	ENTATI	VE(3)					
LITHO	LOGIC LO	OG (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	ON BACK	AS	NEEDED)	
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID	SAMPLE METHOĎ SAMPLE RECOVERY (%)		uscs	GRAPHIC LOG	BLOWS/ 6 IN	WATER DEPTH/	ELEVATION (FT)
		LITHOLOGIC DESCRIPTION (1) SUL SON SYR SYR	Š	<u></u> 0	<u>8</u>	REMARKS	<u> </u>
1.5 1.5 2.5 2.5 3.5 4.0 4.5 5.0 4.5	(00) (00) (00) (00) (00) (00) (00)	Caying Silty Seal SYR SY Caying Silty Seal SYR SY Claying Silty Seal SYR SY Claying Silty Seal SYR SH Claying Silty Search SYR SH Claying Silty Search SYR SH Obstration at 5' Stop & Search	>2 C C C C C C C C C C C C C C C C C C C			Reck Freyner	
SAMPLE METHOD A - AUGER CUTTI D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	NGS	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	T - T B- B0	AIR PERCUS RENCHING OREHOLE OTHER			
ALK M	W. ISIGNAT	9h/gy	I REVIEW	WER: (SIGN	IATHE	RE/DATE)	

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1	0-1	151	SOIL BO	DATE:	9/2	Į				
SITE ID:C	N)ZO) /) .		BORE HOLE	DEPT	1 (FT)	1:	3,6)	- .
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WALL.	TIP HON. I									-
COMMENTS:										-
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TERV	METH					ני רסנ	CT W	<u>Z</u>		NOI
EPTH INTI	AMPLE METHOD				SS	SRAPHIC LOG	NSTE	BLOWS/	WATER DEPTH	ELEVATION (FT)
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130	7	7.5789	er Claser	Silvy Sous	< ^					
2.0		7.578	SIN Claves	SAT SAL	5					
3 1		7.5 YR	7/3 Claser	Simy SAN	بند					
		11	DB STruck							
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** SAMPLE METHODS		• CON	ISTRUCTION MET	HODS						
A - AUGER CUTTIN D - DRIVE TUBE			ROTARY (STATE F AUGERED OR BOF				ERCUS			
S - SHELBY TUBE			CABLE TOOL		_	BORE				
H - HAND SCOOP O - OTHER			JETTED			J.111				
1111	_ 9	/2								
FORM COMPLETED BY	RM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)									

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					SOIL BORING LOG						
SITE	ID: _	KRI	レン	15	C) DATE:						
LOC	ATION	I ID: _	0	271	BORE HOLE	DEPTI	H (FT)):	6. C	<u> </u>	
BOR	BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD:										
LOC	ATION	DESC	CRIPT	ION: _	North EAST Corner of	C	es	ela	ۍد		
COM	IMENT	rs:									
FIEL	D RE	PRES	SENI	AIIV	E(S): Johnson						
		LITH	orog	IC LO	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON	BAC	(AS	NEEDED)	
DEPTH INTERVAL (FT)	/AL (FT)		٠.	AMPLE RECOVERY (%)				ONSTRCT WELL DATA			
ERVA	AMPLE INTERVAL		AMPLE METHOD	200			90-	T WEI	<u>z</u> 9		ELEVATION (FT)
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DEPT	SAME	SAMP	SAMP	SAME	LITHOLOGIC DESCRIPTION	USCS	GRAF	CONS	BLows/	WATER DEPTH/ REMARKS	ELEV
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2.0					7.5 YR 4/6 MARY SITTY SING	X					<u> </u>
3.5		060	4		7.541 6/4 Claver Silty sac	72					
	T	Cocq	B4 -		9.57R 6/4 (Myey > 177 CANC	21				Some	
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		METHO			 CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD) P-	AIR F	ERCUS	SSION		
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н-	HAND	scool			D - DUG		- OTH				
0.	OTHER	R			J - JETTED				·		
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FORM	ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)										

			Page 1 of					
•	SOIL BORING LOG		·					
SITE ID: KETLD IS	DATE:	30/94						
LOCATION ID: 0272	BORE HOLE	DEPTH (FT):						
CONSTRUCTION METHOD: 14								
LOCATION DESCRIPTION: Fuzzlase 81te, On South end of Freelase.								
COMMENTS:								
FIELD REPRESENTATIVE	EISI: PEU							
			NEEDED)					
LITHOLOGIC LOC	G (FOR TRENCH, MAKE ADDITIONAL SKE	1 1 1 . 1	NEEDEDI					
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG CONSTRCT WELL DATA BLOWS/ 6 IN	WATER DEPTH/ REMARKS					
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100 100 100 100 100 100 100 100	clayer Silty Sand 3 42% Charger Silty Sand 5 42 %	SC SC SC SC SC SM SM SM SM SM	Some cover totas Some cover totas Some cover totas Cover totas Cover to tien Cover to tien					
* SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER ORM COMPLETED BY: (SIGNATURE/DATE) * CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER TECHNICAL REVIEWER: (SIGNATURE/DATE)								

·	SOIL BORING LO	Page 1 of				
SITE ID: KRTLD LOCATION ID: D27	DATE:	6.0 DEPTH (FT):				
BORE HOLE DIAMETER (IN LOCATION DESCRIPTION:	2 1001 North of fusely	uction method: A				
COMMENTS:						
FIELD REPRESENTATIV		CVETCHES ON BACK AS NEEDED)				
	OG (FOR TRENCH, MAKE ADDITIONAL					
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD	LITHOLOGIC DESCRIPTION	USCS GRAPHIC LOG CONSTRCT WELL DATA CONSTRCT WELL DATA SYMBHABA SY				
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** SAMPLE METHODS A - AUGER CUTTINGS B - ROTARY (STATE ROTARY METHOD D - DRIVE TUBE C - CABLE TOOL B - BOREHOLE H - HAND SCOOP D - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD D - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER J - JETTED						
TECHNICAL REVIEWER: (SIGNATURE/DATE)						

		Page 1 of
LOCATION ID:	SOIL BORING LOG P151 DATE: BORE HOLE I CONSTRUCT S 1001 North of fuseling	DEPTH (FT): 6.0 TION METHOD: 7
COMMENTS:		
FIELD REPRESENTAT	TIVE(S):	
LITHOLOGIC	LOG (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES ON BACK AS NEEDED)
SAMPLE INTERVAL (F	SAMPLE RECOVERY (%) NO STANDARD SIDOLOHTIL NO STANDARD STANDARD SAMPLE RECOVERY (%)	GRAPHIC LOG CONSTRCT WELL DATA BLOWS/ 6 IN BLOWS/ 6 IN SAND SAND CALL FLEVATION (FT)
	2.572 4/6 Clayer Sitry Sand 2.542 4/6 Clayer Sitry Sand 2.542 4/6 Clayer Sitry Sand 2.542 4/6 Clayer Sitry Sand 2.542 4/6 Clayer Sitry Sand 2.542 4/6 Clayer Sitry Sand 2.542 4/6 Clayer Sitry Sand 2.542 6/1/ Carer Sitry Sand 2.542 8/4 Sitry Sand 2.542 8/4 Sitry Sand 2.542 8/4 Sitry Sand 2.542 8/4 Sitry Sand 2.542 8/4 Sitry Sand 2.542 8/4 Sitry Sand 2.542 8/4 Sitry Sand	Sn
SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	 CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED 	P - AIR PERCUSSION T - TRENCHING B- BOREHOLE O - OTHER
FORM COMPLETED BY: (SIGN	B/30/94 DATURE/DATE) TECHNIC	CAL REVIEWER: (SIGNATURE/DATE)

			Page 1 of
COMMENTS: Sample 1	BORE HOLE	DEPTH (FT): TION METHOD: Pad NEas	6 A Jennost pad.
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE METHOD.	LITHOLOGIC DESCRIPTION Medium Sand SYR 5/4 Jone Debris Medium Sand SYR 5/4 S. Hy Sand Fo SYR 4/4 Sity Sand Fo SYR 4/4 Sity Clayey Sand To SYR 4/4 Sity Sand Fo SYR 4/4 Sity Sand Fo SYR 6/4 Si	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	WATER DEPTH/ REMARKS 409. Sul 10% It 705. (c. 1 3
S - SHELBY TUBE H - HAND SCOOP O - OTHER SEL Mill FORM COMPLETED BY: (SIGNATU	C - CABLE TOOL D - DUG J - JETTED 8/24/54 TECHNIC	O - OTHER	IATURE/DATE)

-		Page 1 of
	SOIL BORING L	
COMMENTS: Samp	DATE: BORE I CONST ON: Arr TOST Area TO Cener of Crarer ole time 0916	HOLE DEPTH (FT): 6
FIELD REPRESENTA	ATIVE(S): Seff Johnson	
LITHOLOGI	C LOG (FOR TRENCH, MAKE ADDITIONA	L SKETCHES ON BACK AS NEEDED)
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD	MPLE RECOVERY (%)	GRAPHIC LOG GRAPHIC LOG CONSTRCT WELL DATA BLOWS/ 6 IN HLOWS/ 6 IN FEVATION (FT)
3.5' 3.0' Tra sisis 3.5' 3.0' Tra sisis 4.0' 5.0' 5.5' 6.1'	100 Light Brownissand, 6/2 10 100 Dark Yellowish Brown 1071 100 Brown silty sand 7.59 100 Upry fire sand of silt 100 11 100 11 100 11 100 11 100 11 100 11	PYR 5M
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY I A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	METHOD P - AIR PERCUSSION T - TRENCHING B- BOREHOLE O - OTHER
FORM COMPLETED BY: (S	8/84	ECHNICAL REVIEWER: (SIGNATURE/DATE)

					Page 1 c	of $ ot$
	SOIL BORING LOG	j.	,			
SITE ID: KRTLAIS	DATE: 8/2	24/40	1			
LOCATION ID: 0278 BORE HOLE DEPTH (FT): 6						
BORE HOLE DIAMETER (II	i): 2 construct	ION ME	THOD: _	17		
LOCATION DESCRIPTION	APT Test area. Pas furthes	t 40	the A	W.	J. 1-	
west of 716	, 1 1145					
COMMENTS: So	with at // 17					
FIELD REPRESENTATI	VE(S): Pmiddlebrooke					
			N D A C	. AC	NEEDEDI	
LITHOLOGIC L	OG (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES C		(AS	NEEDEDI	
			ONSTRCT WELL DATA			
AL (RVAL			ELL .			E
INTE INTE			CT V	<u>Z</u>		NO
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY 192		SSISU SSISU	NST	ows/	WATER DEPTH/	ELEVATION (FT)
L 0, 0, 0,	LITHOLOGIC DESCRIPTION		5 8	8	REMARKS	<u> </u>
	Test debris (plaster), w/ medium sund 2.542 5/2 Clayey Sand SYR 4/4, love Itoms Clayey Sitty Sind 542 4/4	ςP SC	ļ			_
100	changed sale she did home trous	sn				
_	crayey STAT SIAZ SYR TY 1	SNA				-
- a - 100	CILI Sund CVN 4/4	SM				
	Clayey SIHY Sand SXX 4/4 Silly Sand SXXY/4 Silly Sand 7.5 YR 6/2	54				<u></u>
	Silty Seed 7.5 YR 6/2	son				
_	1001. Cal 7518 4/7	Sul				-
/.o —	516 (17 C NP 6/2 W) Same	SM				
	514 Col 27 Red)	Sul				
(00)	Silky Sound 75 YR 6/2	SM				
	5. Cty Send 7.5 yeld/2 by) Some 5. Cty Send 7.5 yeld/2 billing Cement?? 5. Cty Send 7.5 yeld? 5. Cty Send 7.5 yeld 2 5. Sty Send 7.5 yell 6/2 5. Sty Send 7.5 yell 6/2	5~				
	·					
SAMPLE METHODS	CONSTRUCTION METHODS					
A - AUGER CUTTINGS D - DRIVE TUBE	R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED		R PERCU: RENCHING		I	
S - SHELBY TUBE	C - CABLE TOOL	B- BO	REHOLE THER			
H - HAND SCOOP O - OTHER	D - DUG J - JETTED	0.0	inen			
We min	· laule v				. —	
KK. Minit		L REVIEW	/FR: (SIGI	NATU	RE/DATE)	

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	SOIL BORING LOG	<i>I</i> -					
SITE ID: KRTLD							
LOCATION ID: 079 BORE HOLE DEPTH (FT):							
BORE HOLE DIAMETER	BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD: 1+						
LOCATION DESCRIPTION	ON: South west POD						
COMMENTS: Auger	d'in center of Debris on Pas						
FIELD REPRESENTA	ATIVE(S): Johnson						
LITHOLOGI	C LOG (FOR TRENCH, MAKE ADDITIONAL SKET	CHES O	N BACK	AS	NEEDED)		
F	(%)		1 .				
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID	ERY (CONSTRCT WELL DATA			E	
SAMPLE INTERVAL SAMPLE ID SAMPLE METHOD	WP LITHOLOGIC DESCRIPTION	100	T WE	Z		ELEVATION (FT)	
SAMPLE IN	LE R.	JSCS SRAPHIC LOG	ISTRO	SLOWS/ 6 IN	WATER DEPTH/	VATIC	
SAM SAM SAM	to Ettilogodic Beschii Hert		00	BLO	REMARKS	ELE	
	7.54R 6/4 Light Brown Fine Sand	SP					
1.0	7.5 /R S/4 Light Brown I respond	\$				-	
1.5	7-5 YR 4/4 Brown TO DARK Brown FALCHAY WYSON TO DARK Brown 7.5 YR 4/4 Brown TO DARK Brown					-	
	Sac lay whence	27				-	
2,0	7.54R 4/4 Brown TO HAIL Drow	, (4					
	SandyClay 7.54R 5/4 Brown SAND W/ Gines	SM					
2.3		SM					
3.0 T 0001 A	10 YR 5/6 Yellowish Brown Sand	50					
3.5 4.0 4.5 6.0 6.5	1 AVO Ell Yellowish Brown soul	5~					
4.5	Typ ula profine white sandkile	ML					
6.0	5YR 812 SANSITY SATE 5YR 812 Silvy SANE 5YR 812 Silvy SANE	mc				_	
65	57R KLI Silvy Sord	ML				<u> </u>	
6.0	SYR WE THE					_	
•• SAMPLE METHODS A - AUGER CUTTINGS	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD	P - All	R PERCU	10122	١		
D - DRIVE TUBE	A - AUGERED OR BORED	T - TA	ENCHIN REHOLE				
S - SHELBY TUBE H - HAND SCOOP	C - CABLE TOOL D - DUG	0 - 0					
O - OTHER	J - JETTED						
112 8	P/24 TECHNICA TECHNICA	AL REVIEW	FR: (SIG	NATII	RE/DATE)		

			Page 1 of				
	SOIL BORING LO	<u>G</u> ,	, l				
SITE ID: LETLD	157 DATE:	2 (U) 194					
LOCATION ID: 0280 BORE HOLE DEPTH (FT):							
BORE HOLF DIAMETE	R (IN): CONSTRU	ICTION METHOD: 1					
LOCATION DESCRIPTI	ION: Debas pile 50' west it lo	catron 0278.					
COMMENTS: 1135	Start Living 1255 Semple						
FIELD REPRESENT	ATIVEIS). PKM						
LITHOLOG	IC LOG (FOR TRENCH, MAKE ADDITIONAL S	KETCHES ON BACK AS	NEEDED)				
c E	(%)	\ \ \ \ \ \					
, O '	FR	JSCS SRAPHIC LOG CONSTRCT WELL DATA	ا ا				
RVA TERV	00	D N E	WATER DEPTH/ REMARKS E				
1	# # # # # # # # # #	JSCS SRAPHIC L CONSTRCT	ATIC				
DEPTH INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID	WAMPLE RECOVERY (%)	USCS GRAPHIC LOG CONSTRCT WI BLOWS/ 6 IN	WATER DEPTH/ ≥ HEMARKS				
	LI CYOCICI WIChes	CP					
.5	100 Finders SYRS/4 whebris 100 Finders SYRS/4 whebris 100 Finder SAN SYRS/4 whobit 100 Silty Sond 2.5 YR 4/4 100 Silty Sond 2.5 YR 4/4 100 Silty Sond 7.5 YR 4/2 100 Silty Sond 7.5 YR 6/2 wh	SP					
1.5	100 Fin Sand SYR S/4 Ul Debri	3 54					
20	101 Silfy Sond 2.5 YR 4/4	SM					
	100 Silty Sond 2.5 YR 4/4	sm					
P.S. 0001 A	10 5. 14y Send 7.5 4R 4/2	3, (
I.S. (100 Silty Soul 7.5 YR 6/2	sm					
	120 Sity Sond 751R 6/2 when	of sn-					
Y, °	100 Silty Sond 7.5 412 6/2)m Sm					
	100 Sity GN 7.5 17 6/2	sm					
	10- lity Sond 7-3 YE GZ	Sm					
	100 Silfy Sand 7.5 yr 6/2 w/2 100 Silfy Sond 7.5 yr 6/2 100 Silfy Sond 7.5 yr 6/2 100 Silfy Sond 7.5 yr 6/2 100 Silfy Sond 7.5 yr 6/2 100 Silfy Sond 7.5 yr 6/2 100 Silfy Sond 7.5 yr 6/2						
** SAMPLE METHODS	CONSTRUCTION METHODS	HOD P - AIR PERCUSSIO	nn.				
A - AUGER CUTTINGS D - DRIVE TUBE	R - ROTARY (STATE ROTARY MET A - AUGERED OR BORED	T - TRENCHING					
S - SHELBY TUBE	C - CABLE TOOL D - DUG	B- BOREHOLE O - OTHER					
H - HAND SCOOP O - OTHER	J - JETTED						
Day min	8 Lyke LI						
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FORM COMPLETED BY: (SIGNATURE/DATE)

Pag	ge 1 of					
SOIL BORING LOG	İ					
SITE ID: KRTLD 154 DATE: 8/4/94						
LOCATION ID: 028/ BORE HOLE DEPTH (FT): 1/2						
BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD:						
LOCATION DESCRIPTION: LArge Lift Mound North of Westernmost Pr	177					
COMMENTS:	_					
FIELD REPRESENTATIVE(S): Till Johnson						
LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED)						
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE RECOVERY (%) CONSTRCT WELL DATA CONSTRCT WELL DATA CONSTRCT WELL DATA BLOWS/ 6 IN						
NAL (E					
MET 10 10 10 10 10 10 10 1	NOI					
SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE ID CONSTRCT WELL DAT BLOWS/ 6 IN BLOWS/ 6 IN	.					
	S 🖽					
1.0 10 10 10 10 10 10 10 10 10 10 10 10 10						
whire pieces of tost persons of						
2.0 7.5 YR 7/2 Silty Sand w/whit sin						
3.0 - 0001 A 100% 7.5 YR 7/2 SITY SAND W/Whit SM						
3.5 / 7.5 YR 7/2 Silvy sand w/whrdelson						
4.0 / 7.5 YR 7/2 Silly SAND W/WLT det SM	_					
4.57 7/2 Salty Some would deb som	_					
4.5 /2 5/17 5mm w/ulr deb 5m 7.5 YR 7/2 5/17 5mm w/ulr deb 5m 7.5 YR 7/2 5/17 5mm w/ulr deb 5m 7.5 YR 7/2 5/17 5mm w/ulr deb 5m 7.5 YR 7/2 5/17 5mm w/ulr deb 5m	-					
	-					
6.0 1 7.5 TR 7/2 SINY 2 110						
** SAMPLE METHODS * CONSTRUCTION METHODS						
A - AUGER CUTTINGS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION						
S - SHELBY TUBE C - CABLE TOOL B - BOREHOLE						
H - HAND SCOOP D - DUG O - OTHER O - OTHER J - JETTED						
11121 8/24						
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)						

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1	SOIL BORING LOG	1			•	
SITE ID: <u>ERTLDIS</u>	DATE: 8/2		./			
LOCATION ID: 0282	BORE HOLE [DEPTH (FT)	: _4	Λ		
PORT HOLE DIAMETER (IN)	7 CONSTRUCT	ION METH	OD:	4		
LOCATION DESCRIPTION:	25' North of 0278 (Northwe	sternmont	20	1)_		
<i>C</i> 3	1 1455 Inch at compt	lauce as	2'.	3.	red to 4'	
COMMENTS: Sample	at 1405 Went into comented of hile to 2' to collect sifficient	Simple.				
FIELD REPRESENTATIVE	E(S): PEM					
	(FOR TRENCH, MAKE ADDITIONAL SKE	TCHES ON	BACK	AS	NEEDED)	
	FOR TRENCH, MAKE ADDITIONS ON		4			
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (%)		USCS GRAPHIC LOG	CONSTRCT WELL DAT.	SLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
0 0 0 0	Sitty Sand SYR 4/4	SM	0			
15 100 1	Silfy Sind 7.5 YR S/G Silfy Sight 7.5 YR B/4 w/levent Silfy Silfy SYR 7/2 Mustry coment Silfy SILF SYR 7/2 Mustry coment Silfy SYR 7/2 Mustry coment Silfy SYR 7/2 Mustry coment Silfy SYR 7/2 mustry coment Silfy SYR 7/2 mustry coment Silfy SYR 7/2 mustry coment Collect samp k from O-2.0	SM STN SMM SFN ML NL ML				
SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	P - AIR T - TRE B- BOR O - OTI	NCHING EHOLE		N	
FORM COMPLETED BY: (SIGNATU	124/84 RE/DATE) TECHNIC	AL REVIEWE	R: (SIG	NATU	RE/DATE)	

				•	Page 1 o	<u>"</u>	
i	SOIL BORING LOG	,					
SITE ID: KRTU) 157 DATE: <u>\&/</u>	34			1		
LOCATION ID: 0283 BORE HOLE DEPTH (FT): 5.51							
BORE HOLE DIAMETE	BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD: 1+						
LOCATION DESCRIPT	ION: Small Dir Mound North	FAS	st of	Sc	n.T. eas		
COMMENTS: (1)=	obstruction AT 5.5'						
COMMENTS:	DESTRUCTION ST. O.C.						
FIELD REPRESENT	ATIVE(S): Jeff Johnson						
LITHOLOG	IC LOG (FOR TRENCH, MAKE ADDITIONAL SKET	CHES	ON BÁCK	AS	NEEDED)		
					-		
AMPLE INTERVAL (FT) AMPLE ID AMPLE ID	W LE RECOVERY (%)		GRAPHIC LOG CONSTRCT WELL DATA				
THOE	0 C		WEL	z		E.	
E ME	9		IIC L(S/ 6 IN		TION	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID	M 6	USCS	GRAPHIC LOG	BLOWS/	WATER DEPTH/ REMARKS	ELEVATION	
S S S	7 = 10 = 111 5 1 5 1	500	υυ	<u>an</u>	REWARKS	Ш	
0,5	7.5 YR 5/4 SITY SAND 5 YR 3/4 SITY SAND 5 YR 3/4 SITY SAND 5 YR 5/4 SITY SAND 7.5 YR 5/4 SITY SAND 1009. 7.5 YR 6/4 SITY SAND UF SAND	SA					
	5 YR 314 6. H. Ca. J	SM					
1,5	5 YR 8/4 Silty SAL	Sn					
25	2 540 511, 5 low 500d	Sn					
3.0 - 000 A	1009 7 5 7R 6/4 Silt Soul 11644	ML					
2.5	75 1R G/U UFSAL	MC	İ				
40	1 - 61 - 61 - 61 - 61	ML					
4.5	7 5 78 6/4 May For Sond	カー					
50	7.5 yr 7/2 very fine soul	m_					
5.5	His obstruction not	_				_	
60	7.5 yr 7/2 very fine soul His obstruction not Able to Auger Legan				· ·	_	
						\vdash	
						-	
** SAMPLE METHODS A - AUGER CUTTINGS	• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD	P - 4	AIR PERCU	10122	N		
D - DRIVE TUBE	A - AUGERED OR BORED	T - T	TRENCHING				
S - SHELBY TUBE H - HAND SCOOP	C - CABLE TOOL D - DUG		OTHER				
O - OTHER	J - JETTED						
m	8/24						
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1/251 2 . 2	SOIL BORING		4 U				
SITE ID: KETLD 154 DATE: 8/25/94							
BORE HOLE DEPTH (FT): BORE HOLE DIAMETER (IN): CONSTRUCTION METHOD:							
BORE HOLE DIAMETER (IN):			ETHOD: _				
LOCATION DESCRIPTION: _	15' North of Staster	wast lad				}	
COMMENTS:							
FIELD REPRESENTATIV	E(S): 9/cm				•		
LITHOLOGIC LOC	G (FOR TRENCH, MAKE ADDITIO	NAL SKETCHES	ON BACK	AS	NEEDED)		
DEPTH INTERVAL (FT) SAMPLE ID SAMPLE METHOD * SAMPLE RECOVERY (%)	LITHOLOGIC DESCRIPTION	nscs	GRAPHIC LOG CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)	
	Charles Silly Sel SYR 4/4	SC					
13- 13- 13- 13- 13- 13- 13- 13- 13- 13-	Clarcy Silly Sul SYR 4/4 Charcy Silly Sund SYR Clargey Silly Sund SYR Clargey Silly Sund SYR Silly Sund SYR 4/4 Silly Sund SYR 4/4 Silly Sund 7.5 YR 7/2 Silly Sund 7.5 YR 7/2 Silly Sund 7.5 YR 7/2 Silly Sund 7.5 YR 7/2 Silly Sund 7.5 YR 7/2 Silly Sund 75 YR 7/2 Silly Sund 75 YR 7/2 Silly Sund 75 YR 7/2 Silly Sund 75 YR 7/2	4/4 SC 4/4 SC SM SM SM SM Venent SM V					
A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHODS R - ROTARY (STATE ROTAR A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	T - B- E	AIR PERCUS TRENCHING BOREHOLE OTHER				
FORM COMPLETED BY: (SIGNATU	8/15/9 Y RE/DATE)	TECHNICAL REVIE	EWER: (SIGN	IATUF	RE/DATE)		

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		. 0	. ~		SOIL BORING LOG DATE:	p):	5				
SITE ID): _ _	KT4	02	95		DEPTH	(FT)	:	6.0	2	
BODE I	HOI E	DIAN	AETER	uni.	a" CONSTRUCT	ION N	1ETH	DD: _	<u> </u>	_	
LOCAT	ION	DESC	RIPTIO	ON: 3	53' EAST of NOITH PAST (Orve		f.	Sou	of pass PA	4
										·	
COMM	ENTS	S:									
FIFLD	REF	PRES	ENT	ATIVI	E(S): Johnson						
					G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHE	S ON	BACK	AS	NFFDED)	
	_	LITHO	LOGI		G (FOR TRENCH, MAKE ADDITIONAL SKE	10112					
Ē	SAMPLE INTERVAL (FT			AMPLE RECOVERY (%)				CONSTRCT WELL DATA			
RVAL	TERV		THO	COVE			.oG	r wel	Z		ELEVATION (FT)
N T N	LE IN	LE 10	LE M	LERE			GRAPHIC LOG	STRC	ows/ 6		ATIO
DEPTH INTERVAL (FT)	SAME	SAMPLE ID	SAMPLE METHOD	SAMP	LITHOLOGIC DESCRIPTION	uscs	GRAI	CON	BLOV	WATER DEPTH/ REMARKS	ELEV
					7.5 YR 5/4 Silty sand	SM					
0.5 1.0 1.5 2.0 2.5 3.0					7.5 YR 5/4 Silry SAND	SA					-
1.5					7.5 YR 5/4 Silty SAND 7.5 YR 5/4 Silty SAND 7.5 YR 5/4 Silty SAND 7.5 YR 7/4 Silty SAND 7.5 YR 8/2 Silty SAND 7.5 YR 8/2 Silty SAND	3M 5M					\vdash
20					7.5 YR 6/4 Silty sand	31					
30	TI	0001	A		7.5 YR 7/4 withy shad	5 N X 5 X					
3.5						ML					_
4.0					2 CUP K/2 SI/77 81845	ML					-
4.5	$I \mid I$				2.5 YR 8/2 5,177 5000	ML					
5.0					7.5 YR 8/2 Siloy some 7.5 YR 8/2 Siloy some 7.5 YR 8/2 Siloy Some 7.5 YR 8/2 Siloy Some 7.5 YR 8/2 Siloy Some						
4.0 4.5 5.0 5.5 6.2					7.5 YR 5/1 3Hry SANd	ML					
								Ì			-
											-
						<u> </u>		<u> </u>	1		
	UGER	CUTT			• CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD			PERCU		ı	
•	RIVE HELBY	TUBE Y TUBE	Ē		A - AUGERED OR BORED C - CABLE TOOL	B-	BORE		د		
	IAND OTHER	scool	P		D - DUG J - JETTED	0	- OTH	IER			
1	22	11		-	elstlau						
FORM C	OMPL	ETED E	3Y: (SI	GNATU	JRE/DATE) TECHNIC.	AL REV	IEWEF	R: (SIG	NATU	RE/DATE)	_

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1	SOIL BORING LOG	, ,				
SITE ID: KRTLD 154	DATE:	8/31/94	f			
LOCATION ID: O 286 BORE HOLE DEPTH (FT):						
DODE HOLE DIAMETER (IN):	CONSTRUCT	ION METH	10D: _	A		
LOCATION DESCRIPTION:	H. F. Test Bed A. E	stenn	110	crafe	er. Intent	9
- U	If Fi Test Bed A. E.	Crated				
COMMENTS:	· ·					
FIELD REPRESENTATIVE(S): <u> </u>					
LITHOLOGIC LOG (F	OR TRENCH, MAKE ADDITIONAL SKE	TCHES OF	BACH	CAS	NEEDED)	
			∢			
(FT)			LDAT			
THOU		00 00	WEL	<u>Z</u> 9		F (F1
ME INT		일	IRC1	9/9		TIO
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (USCS	ONSTRCT WELL	BLOWS/	WATER DEPTH/ REMARKS	ELEVATION (FT)
S S S S S S S S S S S S S S S S S S S	clopy Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4 Cloper Silty Sund 5 4R4/4	5 0	- 0		REMARKS	<u> </u>
15 100 0	longry 51 17 500 5 4R.4/4	20				-
11.3- 1 120 C	10707 SITTY SORE 3 10-11	SC				
1.5	Closed with sont 3 to 1	50				
2.0 / OOX A /OU	Cluyer Silly sind 5 18 1/4	SC				
7.5 100	Claser hily sand 5 1/4	5.1				
20- 100	chapty Gilty Sund 541 1/9	50				
7.5- 1-0	Clayer Sily Sank SYK 1/4	Q:				
4,0-11-0	cleyey Sifty Send Sylly	SC				
4.5	Clyper Gilly Sant 1 540 4/6	CC				
Fro- 100	((wyey 5) Hy Sent 572/7	SC				
100	clayer silty Soul 54R4/4 clayer silty Soul 54R4/4 clayer silty Soul 54R4/4 clayer silty Soul 54R4/4 clayer silty Soul 54R4/4 clayer silty Soul 54R4/4	C				
6.5-1	Clayer Silty Sans STETT					
			1			
•• SAMPLE METHODS	CONSTRUCTION METHODS	· · · · · · · · · · · · · · · · · · ·				
A - AUGER CUTTINGS	R - ROTARY (STATE ROTARY METHO) A - AUGERED OR BORED		PERCU ENCHIN		1	
D - DRIVE TUBE S - SHELBY TUBE	C - CABLE TOOL		REHOLE			
H - HAND SCOOP O - OTHER	D - DUG J - JETTED					
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FORM COMPLETED BY: (SIGNATURE/	DATE) TECHNIC	AL REVIEW	R: (SIG	NATU	RE/DATE)	

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		<i>.</i>	_		SOIL BORING LOG	· 8/	· 'マノ				
SITE I									6	D	
	LOCATION ID: 0287 BORE HOLE DEPTH (FT): 6.0										
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SOIL BORING LOG SITE ID: LPTLD 154 DATE: 8/3/ LOCATION ID: 0288 BORE HOLE DEPTH (FT): 6.0 BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: 1 LOCATION DESCRIPTION: Southwest Lip of easkern most Cyare- Hi Fi Test Bel COMMENTS: FIELD REPRESENTATIVE(S): Sohnson								
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FORM COMPLETED BY: (SIG	ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)							

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. , , , ,	SOIL BORING LOG	12,164						
SITE ID: KATLD 154 DATE: 831/99 BORE HOLE DEPTH (FT):								
LOCATION ID: 0291	7	TON METHOD: A						
OCATION DESCRIPTION:	HIFI Test Ded A. Cen	ter Courter. On South	Side					
		at crate	v.L.					
COMMENTS:								
FIELD REPRESENTATI	VE(S): 1 Fm							
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SOU PORING LOG	Page 1 of							
SITE ID: KRTLD 154 DATE:	8/31							
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BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: 4								
LOCATION DESCRIPTION: Western elge of western most crase								
Hiti Tear Bel								
COMMENTS:								
FIELD REPRESENTATIVE(S):								
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FORM COMPLETED BY: (SIGNATURE/DATE) TECHNIC	CAL REVIEWER: (SIGNATURE/DATE)							

Page 1 of					
SOIL BORING LOG					
SITE ID:					
LOCATION ID: 0293 BORE HOLE DEPTH (FT): 6					
BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: 1					
LOCATION DESCRIPTION: HI FI Test Ded A - Furthert west crafer. On Ent rim of arcter.					
ON EST FIM OF GET					
COMMENTS:					
FIELD REPRESENTATIVE(S): 140					
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7.4 Clayer Sity Sund 5 YP 6/7 SC Rock debros					
35 100 Clayey Silty Sand 54R 6/3 School Pocks					
4,0 100 Clayer 5, 14, Sort 5 4R 6/3 SC					
100 Chappy Silvy Sand Street Street					
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• CONSTRUCTION METHODS • CONSTRUCTION METHODS					
A - AUGER CUTTINGS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING					
S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE					
H - HAND SCOOP D - DUG O - OTHER O - OTHER J - JETTED					
1/- 1 Mari 8/1/44					
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)					

	COUL PORING LOG	Page 1 of						
OFFICE KRTIDIS	SOIL BORING LOG DATE:	,						
SITE ID: KRTCD154 LOCATION ID: 6.0 BORE HOLE DEPTH (FT): 6.0								
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COMMENTS:								
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S - SHELBY TUBE H - HAND SCOOP	C - CABLE TOOL D - DUG	B- BOREHOLE O - OTHER						
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SOIL BORING LOG							
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				FIN 8531146	1 -21						
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				-1 .5.	~~~i		1				_
		1		Stop & Sa	AA						
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								}			
* SAMPL	E METH	ODS		• CONSTRUCTION	METHODS			1	•		
A - AU	GER CUT	TINGS		R - ROTARY (STA			- AIR F				
S - SHE	ELBY TU	3E		C - CABLE TOOL			B- BORE	HOLE			
H - HA	ND SCO HER	OP .		D - DUG J - JETTED		(o - OTH	EH			
0	<i>n</i>			26/20	·						
14-K	-/N	ell	2010 71 "	12/9 Y	TEC	HNICAL RE	VIEWED	· ISIGA	ATIE	F/DATE)	
FORM COMPLETED BY: (SIGNATURE/DATE)				IEC	INICAL RE	AILAAEU	. 10101	. A 1 O N	271L/		

Page 1 of						
SOIL BORING LOG						
1	7 DATE:	8/29				
LOCATION ID: 0301	BORE HOLE					
BORE HOLE DIAMETER	(IN): 2" CONSTRUCT	TION METHO	DD: _/_			
LOCATION DESCRIPTION	N: Southern and of large Crare	r, South	2445	of beophys		
COMMENTS:						
	T. (5/0)					
FIELD REPRESENTA	TIVE(S):					
LITHOLOGIC	LOG (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES ON	BACK AS	NEEDED)		
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE ID	SAMPLE RECOVERY (%) NOITHINDSAID DISSOLUTION	USCS GRAPHIC LOG	CONSTRCT WELL DATA	WATER DEPTH/ REMARKS	ELEVATION (FT)	
0.5		1 - 1 -				
1.0 1.0 2.0 2.5 3.5 4.0 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	7.54R 5/8 Silty SARE 7.54R 5/8 Clayery Silty SARE	5X 5X 5X 5X		SOMY CEMONTAN'A		
** SAMPLE METHODS A - AUGER CUTTINGS B - ROTARY (STATE ROTARY METHOD D - DRIVE TUBE A - AUGERED OR BORED T - TRENCHING S - SHELBY TUBE C - CABLE TOOL B - BOREHOLE H - HAND SCOOP D - DUG O - OTHER J - JETTED						
FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)						

Page 1 of <u>\lambda</u>				
SOIL BORING LOG SITE ID: KRTLD 154 DATE: 8/21/54 LOCATION ID: 0307 BORE HOLE DEPTH (FT): 6 BORE HOLE DIAMETER (IN): 7 CONSTRUCTION METHOD: A LOCATION DESCRIPTION Lank Crater approx 100'SW of Avery 3. In crater on northcast fide Approx 50' Auxth of 1224. COMMENTS: FIELD REPRESENTATIVE(S): 1224.				
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE TO SAMPLE TO SAMPLE TO SAMPLE TO SAMPLE TO SAMPLE TO SAMPLE METHOD	CLOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS BY LITHOLOGIC DESCRIPTION Clayer Silty Sand 54R 5/6 SC Clayer Silty	WATER DEPTH/ REMARKS Some convert Convert Convert Convert Convert		
** SAMPLE METHODS A - AUGER CUTTINGS B - ROTARY (STATE ROTARY METHOD D - DRIVE TUBE S - SHELBY TUBE C - CABLE TOOL B - BOREHOLE D - DUG O - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD T - TRENCHING B - BOREHOLE O - OTHER O - OTHER ** TECHNICAL REVIEWER: (SIGNATURE/DATE)				

•	COU PORING LOG				Page 1 o	11
COMMENTS: FIELD REPRESENTAT	BORE HOLE I N): 2" CONSTRUCT Approx 75' south of Roy North lip of Craver IVE(S): Johnson	DEPTH (F	HOD: _	/+ ' E	fast with	Ess.
LITHOLOGIC L	OG (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES O	1 1	AS N	NEEDED)	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE ID	LITHOLOGIC DESCRIPTION	USCS	CONSTRCT WELL DATA	BLOWS/ 6 IN	WATER DEPTH/ REMARKS	ELEVATION (FT)
0.5 1.0 1.5 2.6 3.5 4.0 -1.5 5.5 6.2	% 7.5 YR 5/6 Clayey 5'17y Soul	51 51 51 51 51 51 51 51 51				
** SAMPLE METHODS A - AUGER CUTTINGS B - ROTARY (STATE ROTARY METHOD D - DRIVE TUBE A - AUGERED OR BORED T - TRENCHING C - CABLE TOOL B - BOREHOLE H - HAND SCOOP D - DUG O - OTHER ** CONSTRUCTION METHODS B - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER						
O - OTHER J - JETTED 1						

			Page 1 of 1		
	SOIL BORIN	G LOG			
SITE ID: KRTLO !		ATE: 8/29/94			
LOCATION ID: 0304 BORE HOLE DEPTH (FT):					
DODE HOLE BLANKETER	(INI). Z CO	ONSTRUCTION METHOD:A			
LOCATION DESCRIPTIO	N: Approx 150' Snth of 0	301 0300. In Crater appro-	*		
75' SOUTH 0	Frond. South edge of a	301 0300. In Crater appro- cater.			
COMMENTS:	That goes almy some	age to the state of the state o			
	THE ICL DIVIN				
FIELD REPRESENTA					
LITHOLOGIC	LOG (FOR TRENCH, MAKE ADDITI	ONAL SKETCHES ON BACK AS NEEDE	:D)		
_ F	(%)	T Y Y			
AL (FT	ERY	JSCS SRAPHIC LOG CONSTRCT WELL DAT BLOWS/ 6 IN	F		
TERV	00	Log I	N N		
H H B B B B B B B B B B B B B B B B B B	#	SCS SRAPHIC LOG CONSTRCT W SLOWS/ 6 IN	CHECATION (FT)		
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID	WHE WE CONTROLLED TO THE WE WE WE WE WE WE WE WE WE WE WE WE WE	USCS GRAPHIC LOG CONSTRCT W BLOWS/ 6 IN	ER DEPTH/ 집		
O O O	co clary silty sand 54. Clary Silty Sand 54. Clary Silty Sand 54. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5. Clary Silty Sand 5.	2 TIC SC - Some Orga	witz		
,5	100 Cluque (ilty Sand 54	12 5/6 & Jame 03-	ری نہ.		
	Clyper Silty Sand 5	ya 5/4 Sc Sc			
1.5	Clarey S: Hy Sand	sya 5/6 SC	_		
2 don H	as clayery Silty Sand	5 x 4 5/6 8C	_		
25-1	un clayer silly sund	SVR SIC SC	_		
	cluyer sity sund or cluyer sity sund or cluyer sity sund co cluyer sity sund co clayer sity sund co clayer sity sund co clayer sity sund co clayer sity sund	5/4 5/4 50	_		
	w clayer 5.14 Seed	, 42 08 St St	<u> </u>		
_1 1 1 1	or Clayer sity Send	3/4 3/6 3/6	-		
	00 Clary Silty Send	5427036	-		
5.0	00 clary sitty Sand	5/K 16/K	<u> </u>		
	ou place silty Sand	5 th 76 BC	<u> </u>		
b			_		
			-		
** SAMPLE METHODS * CONSTRUCTION METHODS B - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION					
D - DRIVE TURE A - AUGERED OR BORED T - TRENCHING					
S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE					
H - HAND SCOOP O - OTHER	J - JETTED				
M 1. Ani	8/19/94				
FORM COMPLETED BY: (SIG	NATURE/DATE)	TECHNICAL REVIEWER: (SIGNATURE/DAT	Έ)		

									Page 1 o	
	SOIL BORING LOG									
SITE ID:	LRT	LD	15	DATE:	8/-	7			<u> </u>	
LOCATION	ID: _	U	305	BORE HOLE I						
BORE HOLE	DIAN	NETER	R (IN):	2" CONSTRUCT						
LOCATION	DESC Sel	RIPTI	ON: _ <u>50 u</u>	North North West USGS the of large pipe. Inside	120 40	uth	ern	11:6	s of crare	
COMMENT	S:									
5151 0 05	0050		A T1\ /1	7(6)						
				E(S):						
	LITHO	oLOGI	C roc	G (FOR TRENCH, MAKE ADDITIONAL SKE	TCHES	ON	BACK	AS	NEEDED)	
. (FT) AL (FT)		0	RY (%)				CONSTRCT WELL DATA			
RVAL		тно	COVE			อด	T WEL	<u>z</u> 9		N (FT
LE IN	LE ID	LE ME	LERE			GRAPHIC LOG	STRC	9 /S/		ELEVATION
DEPTH INTERVAL (FT) SAMPLE INTERVAL (F	SAMPLE ID	SAMPLE METHOD	SAMPLE RECOVERY	LITHOLOGIC DESCRIPTION	USČS	GRAF	CONS	BLOWS/	WATER DEPTH/ REMARKS	ELEV
0.5	S	<i>V</i> 3	100%	7.5 YR 5/4 Clayer Silty Sand	31				Some organics	_
1.0				7.5 YR S/Y Charge Shy SAN	51		l			_
2.0				7.5 YR 5/4 Clayery Silty Sand 7.5 YR 5/4 Clayery Silty SAN 7.5 YR 6/4 Clayery Silty SAN 7.5 YR 6/4 Clayery Silty SAN	54					_
2:0				7.5 YR BYY CMYCY SIMUSAN	Cm					
2.5	_	A		7.5 YR 6/4 clayer Silty SAND	5					
	paq	Ħ		7.5 YR 6/4 Clayey Silty Sad 7.5 Th 6/6 Clayey Silty Sad	200					-
3.5				25 YA 6/6 Charry Sirry Sand	SM					
4.0 4.5				7.571 6/6 Clarry sily sad	54					
5.0				7.5716/6 CLATEY Sity Soul	5u					
5.5				5 YR 812 clayer sitty sail	52				SOMP	
6.2				2540 6/6 Chayey Sitry Sand 7.570 6/6 Clayery Sitry Sand 7.570 6/6 Clayery Sitry Sand 548 8/2 Clayery Sitry Sand 548 8/8 Clayery Sitry Sand	51			l	Comparatia	
										_
					1					-
										<u></u>
** SAMPLE METHODS A - AUGER CUTTINGS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION										
A - AUGEI D - DRIVE		INGS		A - AUGERED OR BORED	T	- TRE	CHIN		•	
S - SHELB H - HAND				C - CABLE TOOL D - DUG	_	BORE - OTH				
O - OTHE	R			J - JETTED						
mm	2	8/	29/0	94_						
ECRM COMPL	FORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)									

		Page 1 of		
SOIL BORING LOG SITE ID: KRTLD 154 DATE: Strop 8/29/94 LOCATION ID: D306 BORE HOLE DEPTH (FT): 6 BORE HOLE DIAMETER (IN): 2 CONSTRUCTION METHOD: A LOCATION DESCRIPTION: SSTM Add a North 5. te of Crutur approx 200' Northwest of well 1001 South of Road to Arecs ~ 1001 COMMENTS: FIELD REPRESENTATIVE(S): Prun				
F 3	G (FOR TRENCH, MAKE ADDITIONAL SKE	DATA		
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE ID SAMPLE METHOD	LITHOLOGIC DESCRIPTION	GRAPHIC LOG GRAPHIC LOG CONSTRCT WELL SAUDEN SAUD SAUD SAUD SAUD SAUD SAUD SAUD SAUD		
15 100 100 100 100 100 100 100 100 100	Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5425/6 Clayer Sity Sund 5427/2 Clayer Sity Sund 5427/2 Clayer Sity Sund 5427/2 Clayer Sity Sund 5427/2	Sc Sim Organics Sc Jame Organics Sc Ogenies, Cerent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Sc Carent Pricent Cenculad Pricent		
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER ** CONSTRUCTION METHODS R - ROTARY (STATE ROTARY METHOD T - TRENCHING B - BOREHOLE O - OTHER O - OTHER ** CONSTRUCTION METHODS D - AIR PERCUSSION T - TRENCHING D - AIR PERCUSSION O - OTHER				
SOUTHER SOUTHE				

SOIL BORING LOG SITE ID: KRTLD 15" DATE: 8/29 LOCATION ID: 0307 BORE HOLE DIAMETER (IN): 2" CONSTRUCTION METHOD: A LOCATION DESCRIPTION: MATCH of USG Well 1001, OA CAST Side COMMENTS: FIELD REPRESENTATIVE(S): Johnson					
LITHOLOGIC LOG (FOR TRENCH, MAKE ADDITIONAL SKETCHES ON BACK AS NEEDED) Lithologic Description So V t v v v v v v v v v v v v v v v v v v					
A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER A - AUGERED OR BORED D - DUG O - OTHER P - AIR PERCUSSION T - TRENCHING B - BOREHOLE O - OTHER O - OTHER					

					Page 1 of	
	SOIL BORING					
SITE ID: LRTLD IS		TE: Ply	99			
LOCATION ID: 03	<u> 8</u> во	RE HOLE DEPTI		A		
BORE HOLE DIAMETER (IN):	co	NSTRUCTION I	METHOD): <u> </u>		
LOCATION DESCRIPTION:	SITM Add On. Aggro)305,0306. On was	x 120, 97	north ter	of we	71 100 1	
COMMENTS:						
FIELD REPRESENTATIVI	E(S): PLM					
	(FOR TRENCH, MAKE ADDITION	NAL SKETCHE	S.ON.BA	ACK AS	NEEDED)	
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE METHOD SAMPLE METHOD		SO	GRAPHIC LOG	CONSTRCT WELL DATA	WATER DEPTH/	ELEVATION (FT)
SAM SAM SAM SAM	LITHOLOGIC DESCRIPTION	SOSO	GR	8 =	Som cenent	ᇳ
10- 20- 10- 10- 10- 10- 10- 10- 10- 1	Clayer Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S Clayery Silty Sand S	YR5/L 5C YR5/L			Som comment	20
** SAMPLE METHODS A - AUGER CUTTINGS D - DRIVE TUBE S - SHELBY TUBE H - HAND SCOOP O - OTHER	• CONSTRUCTION METHOD: R - ROTARY (STATE ROTA A - AUGERED OR BORED C - CABLE TOOL D - DUG J - JETTED	RY METHOD F 1 E	AIR PEI TERNO BEBOREHO DE OTHER	DLE	N .	
AL MINAL FORM COMPLETED BY: (SIGNATU	8/29/94 URE/DATE)	TECHNICAL RE	VIEWER: (SIGNATU	RE/DATE)	

-	Page 1 of _					
	SOIL BORING LOG DATE: 8/29					
SITE ID: KRTLD /54/	1					
LOCATION ID: 0309	CONSTRUCTION METHOD:					
BORE HOLE DIAMETER (IN):	- of uses well 1001. Eastern					
LOCATION DESCRIPTION: Untl word RAS	of CIAMI					
COMMENTS: SSTM ADD-ON						
FIELD REPRESENTATIVE(S): Johnson						
	DDITIONAL SKETCHES ON BACK AS NEEDED)					
(FT) (FT) (RY (%)	LDATA					
THOE SOVE	SSCS SRAPHIC LOG S					
	SS 3A PHIC LONSTRC1 OWS/ 6 FVATIO					
SAMPLE INTERVAL (FT) SAMPLE ID SAMPLE THOD SAMPLE RECOVERY (CONTENTS OF THE THOD SAMPLE RECOVERY (CONTENTS OF THE THOD OF THE THE THOD OF THE THOD OF THE THOD OF THE THE THOD OF THE THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOD OF THE THOO OF THE	USCS USCS CONSTRCT WELL CONSTRCT WELL CONSTRCT WELL CONSTRCT WELL CONSTRCT WELL CONSTRCT WELL CONSTRCT WELL CONSTRCT WELL					
10.00 -110 -111 6. 144 C	may Seed Sn					
10 SYR 514 Silty C	ancy Sand Sa					
9.5 1.0 1.5 2.0 2.5 3.0 — 2001 A 54 514 514 614 61 54R 514 514 6114 61 54R 514 514 6114 61 54R 514 514 6114 61	larger SAN SAN					
20 SYR 5/4 Silry a	eyey son L sun					
25 57A 574 5:14 C	eyer sand an					
3.0 - pool 4 54R 5/4 5/14) (layer sand Sun					
126 1 1 1 1 1570 516 51 114	M420 5404 570					
	clayer sand sa					
4.0 4.5 4.5 57R 3/4 51H 57R 5/4 51H 57R 5/4 51H 57R 5/4 51H	claser said on					
50 37A 514 Gir	Chargey Still Su					
5.5 57R 5/4 5 1+7	Classy St. 450					
6.0 57R 5/4 51 my	16767 SANZ JAN					
* CONSTRUCTION METHODS * CONSTRUCTION METHODS * R. ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION						
D - DRIVE TUBE A - AUGERED OR BORED T - TRENCHING						
S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE						
H - HAND SCOOP D - DUG O - OTHER J - JETTED						
M1 - 8/29/94	· .					
FORM COMPLETED BY: (SIGNATURE/DATE)	TECHNICAL REVIEWER: (SIGNATURE/DATE)					

					Page 1 o	
SOIL BORING LOG						
SITE ID: KRTLD 15	DATE:					
LOCATION ID:	BORE HOLE D					
BORE HOLE DIAMETER (IN)	2 CONSTRUCTI	ON METH	IOD: _	А		
LOCATION DESCRIPTION:	7					
COMMENTS: SSTM AC	don. Approx 150'NE of we sook morth rim of crater,	11 100	١.,	Ager	ox 75'earl	
0\$ 0307+0	BOX North rim of crater,	just in	ide			
FIELD REPRESENTATIV	E(S):					
LITHOLOGIC LO	G (FOR TRENCH, MAKE ADDITIONAL SKET	CHES ON	BACK	AS	NEEDED)	, ,
F 3			DATA			
(AL (FT)			11 D/			F
ERVA VTERN METHC		100	CT W	<u>Z</u>		NO
DEPTH INTERVAL (FT) SAMPLE INTERVAL (F SAMPLE ID SAMPLE METHOD SAMPLE RECOVERY (*		USCS GRAPHIC LOG	CONSTRCT WELL	BLOWS/ 6 IN	WATER DEPTH/	EVATION (FT)
S AN S AN S AN S AN	LITHOLOGIC DESCRIPTION	2C R	8	표	Some Cement	립
15 100	Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6 Clayer Silty Sand SYR 5/6	Sc				
1.0_	Clayer sity Send Syr 5/4	Sc				
20 100	Cluyer Silty Sand 5 yr 5/6	5 C				
20 1001 10	Clupey Silty Sund 5 YR 3/6	Sc				
30 100	clayer sity sad syles	5C				-
7.5 100	Clayer Silty Sand Syrs/c	<i>د</i> ا				-
4.5 10	chapty sity suc syp 3/6	2 c		·	Som comentity	
45- 100	clayer SILTY Sant Syrs/6	Sc	-	十	Generalation	
00	Clavor Silty Sand SYR 1/2	SC		-	Countation	-
ho V	Clayery Silty Sand SYR 1/6 Clayery Silty Sand SYR 1/6 Ckyery Silty Sand SYR 1/6 Ckyery Silty Sand SYR 1/2 Clayery Silty Sand SYR 7/2 Clayery Silty Sand SYR 7/2 Clayery Silty Sand SYR 7/2					-
•• SAMPLE METHODS • CONSTRUCTION METHODS						
A - AUGER CUTTINGS R - ROTARY (STATE ROTARY METHOD P - AIR PERCUSSION T - TRENCHING D - DRIVE TUBE A - AUGERED OR BORED T - TRENCHING						
S - SHELBY TUBE C - CABLE TOOL B- BOREHOLE H - HAND SCOOP D - DUG O - OTHER						
O - OTHER	A APPEND					
H-k Min	8/29/97		D. 1010	NA T'	BEIDATE	
ORM COMPLETED BY: (SIGNATURE/DATE) TECHNICAL REVIEWER: (SIGNATURE/DATE)						

TECHNICAL REVIEWER: (SIGNATURE/DATE)

ORM COMPLETED BY: (SIGNATURE/DATE)

		Page 1
SURFAC	CE WAT	ER SAMPLING FIELD FORM
SITE ID: KRTLD154		DATE: 9/7/94
LOCATION ID: 0166	·	SAMPLING PERIOD:
SAMPLE ID: /OO/		START:
SAMPLING METHOD*:		COMPLETE: <u>/03 0</u>
LOCATION DESCRIPTION: _ backboe.	Equip	ment Blank - From bucket of
COMMENTS: ASTM		writer poured into backhoe bucket,
FIELD REPRESENTATIVE(S)	: Pkm	, JJ
PARAMETER MEASURE	MENTS:	; (
POTENTIAL OF	pН	s.u.\
HYDROGEN		
SPECIFIC CONDUCTANCE	Ec	μ mhos/cm
REDOX POTENTIAL	Eh	mvolts
TEMPERATURE	Т	°C
ALKALINITY (CaCO ₃)	ALK	mg/2
DISSOLVED OXYGEN	DO	mg/2
* SAMPLING METHODS: G - GRAB PP - PERISTALTIC PUMP O - OTHER (SPECIFY)		
P=K. M.	9/1/47	f
FORM COMPLETED BY (SIGNATURE	/DATE)	TECHNICAL REVIEWER (SIGNATURE/DATE)

		rage :
SURFA	CE WAT	ER SAMPLING FIELD FORM
SITE ID: KRTLD 154		DATE: 9/7/9 Y
LOCATION ID: 0246		SAMPLING PERIOD:
SAMPLE ID: 100 (START: 1075
SAMPLING METHOD*:	3	COMPLETE: 10 70
LOCATION DESCRIPTION:	Equipo	ment blank - Hand Auger Bit
comments: ASTM collected in bo	Type	I water powed through bit and
FIELD REPRESENTATIVE(S)	1: PKM	1, 77
PARAMETER MEASURE	EMENTS	:
POTENTIAL OF HYDROGEN	pH	S.U
SPECIFIC CONDUCTANCE	Ec	μ mbos/cm
REDOX POTENTIAL	Eh	mvolts
TEMPERATURE	т	°C
ALKALINITY (CaCO ₃)	ALK	mg/ !
DISSOLVED OXYGEN	DO	mg/ !
* SAMPLING METHODS: G - GRAB PP - PERISTALTIC PUMP O - OTHER (SPECIFY)		
W-1- MI-	1/4	

TECHNICAL REVIEWER (SIGNATURE/DATE)

FORM COMPLETED BY (SIGNATURE/DATE)

SURFACE WATER	SAMPLING	FIELD	FORM
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SURFAC	CE WAT	ER SAMPLING FIELD FORM	
SITE ID: KRTLD154		DATE: 9/7/94	
LOCATION ID: 0246		SAMPLING PERIOD:	
SAMPLE ID: 2001		START: _/030	
SAMPLING METHOD*:		COMPLETE: 1030	
LOCATION DESCRIPTION:	Ambio	ent Black	
		<u> </u>	
COMMENTS: ASTM	Type II	Water poured into 6.441	rs at
·			
FIELD REPRESENTATIVE(S)	: _ <u> </u>	JT	
PARAMETER MEASURE	MENTS	:	4.
POTENTIAL OF	рН	S.U	
HYDROGEN			
SPECIFIC	Ec	μ mhos/cm	
CONDUCTANCE			
REDOX POTENTIAL	Eh	mvolts	
TEMPERATURE	Т	°C	
ALKALINITY (CaCO ₃)	ALK	mg/£	
DISSOLVED OXYGEN	DO	mg/ <i>l</i>	
SAMPLING METHODS:			
G - GRAB			
PP - PERISTALTIC PUMP			
O - OTHER (SPECIFY)			
A-KMin of	1/44		
FORM COMPLETED BY (SIGNATUR	E/DATE)	TECHNICAL REVIEWER (SIGNATURE/DATE)	

SURFAC	CE WAT	ER SAMPLING FIELD FURIM
SITE ID: KRTLD 15	1	DATE: 9/7/94
LOCATION ID: 0247		
SAMPLE ID: 100 1		
SAMPLING METHOD*:		·
LOCATION DESCRIPTION:	Equipa	rent Blank - Sampling Scoop
then into both	las	I water poured into scoop and
PARAMETER MEASURE	MENTS	:
POTENTIAL OF HYDROGEN	рН	S.U
SPECIFIC CONDUCTANCE	Ec	μ mhos/sm
REDOX POTENTIAL	Eh	mvolts
TEMPERATURE	Τ	°C
ALKALINITY (CaCO ₃)	ALK	mg/£
DISSOLVED OXYGEN	DO	mg/2
• SAMPLING METHODS: G - GRAB PP - PERISTALTIC PUMP O - OTHER (SPECIFY)		
Sick Min 9/	1/94	
FORM COMPLETED BY (SIGNATURE	/DATE)	TECHNICAL REVIEWER (SIGNATURE/DATE)

CHDEAG	>E \\/\T	ER SAMPLING FIELD FORM
		-1 / .
SITE ID: KRTLD 15	1_	DATE: 9/7/94
LOCATION ID: 0248		SAMPLING PERIOD:
		START:/030
		COMPLETE: /030
LOCATION DESCRIPTION:	Equip	oment Blank - Sampling Bouil
comments: ASTM Then into both	Type I	I water poined into boul, and
FIELD REPRESENTATIVE(S)	: PKI	m , JT
PARAMETER MEASURE	MENTS	
POTENTIAL OF	рН	S.U
HYDROGEN		
SPECIFIC	Ec	μ mhos/cm
CONDUCTANCE		
REDOX POTENTIAL	Eh	mvolts
TEMPERATURE	Т	°C
ALKALINITY (CaCO₃)	ALK	mg/ <i>l</i>
DISSOLVED OXYGEN	DO	mg/2
• SAMPLING METHODS: G - GRAB PP - PERISTALTIC PUMP O - OTHER (SPECIFY)	<u> </u>	
FORM COMPLETED BY (SIGNATURE	E/DATE)	TECHNICAL REVIEWER (SIGNATURE/DATE)

SURFAC	E WATER SAMPLING FIELD FORM
SITE ID: <u>KETLD154</u>	DATE: 9 17 94
LOCATION ID: 0314	SAMPLING PERIOD:
SAMPLE ID:OOO	START:
SAMPLING METHOD*:PP	200
LOCATION DESCRIPTION:	Dirt Road to McCormick Ranch. Right site 14 mile southwest of turn from paved road. I only for metals water had to much sediment,
J.	Pho To
FIELD REPRESENTATIVE(S):	Pkm, JT
PARAMETER MEASUREN	•
POTENTIAL OF	s.u. 9.36 / 18.5°C
SPECIFIC I	Ec μ mhos/cm 153.5μ3/ 19.0°C
CONDUCTANCE	
REDOX POTENTIAL	h mvolts <u>N/A</u>
TEMPERATURE	r °c <u>19</u>
ALKALINITY (CaCO ₃)	ALK mg/2 NA
DISSOLVED OXYGEN	$mg/\ell = N/P$
• SAMPLING METHODS:	
G - GRAB	
PP - PERISTALTIC PUMP	
0 - OTHER (SPECIFY)	
fex Min	9/194
FORM COMPLETED BY (SIGNATURE/C	DATE) TECHNICAL REVIEWER (SIGNATURE/DATE)

				Page 2 of 4	
SURFACE WATER QUALITY SAMPLING RECORD					
SITE ID KRTLD 154				OG DATE 9/17/9 4	
LOCATION ID 03/4					
SAMPLING INF	ORMATION				
WITHDRAWAL	METHODP	P		PH METER ID Corning of Meter	
FILTER SIZE	,45 m			PUMP ID	
				ALKALINITY KIT ID	
Ec METER ID _		- N/A			
FIELD REPRESE	ENTATIVE(S) _	PKM, JJ		<u> </u>	
INSTRUMENT(ENTATIVE(S) _ S) USED _ P	1 meter			
CALIBRATION	INFORMATION		12		
DATE/TIME OF	INFORMATION LAST Ec CALIF	BRATION $\stackrel{\sim}{-}$	//*		
	pH MET	ER STANDAR	DIZATION		
TIME	4.00	7.00	10.00	COMMENTS	
		7.00	10.01	/19.7 °C	
			A(MmV)	B(mBV) T(°C)	
	ORP	INITIAL			
		ZOBELL			
	PROBE:	FINAL ZOBELL			
SHIPPING INFORMATION					
LAB(S) SHIPPED TO:					
DATE(S) SHIPPED:					
METHOD OF SHIPMENT:					
COMMENTS _					

Property of Teter Middle Browks

Lus Alams Technical Associates

Address 2400 Lovisionane 31451 Suite 400

Albuquergu, Mm 87/10

Telephone (505) 880-3438

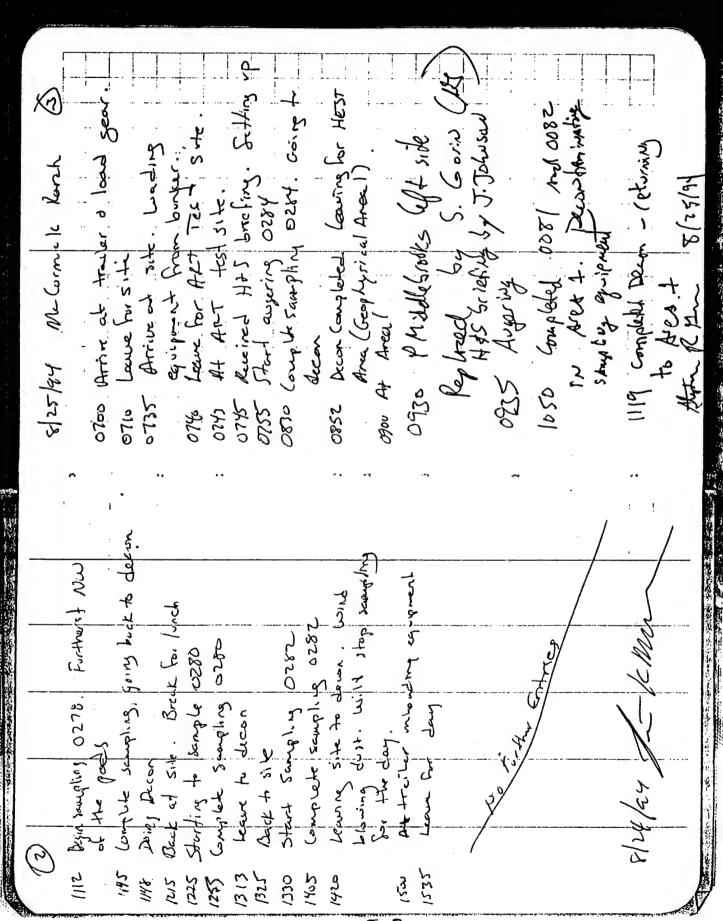
This Book is manufactured of a High Grade 50% Rag Ledger Paper having a Water Resistant Surface, and is sewed with Nylon Water-proof Thread.

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46/45/x

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h4/8/b	0700 Arrive at 16.3. Ladry expressions	0755 Decon complete. Lewis Sur	Offer At Arribany Area 4. Setting of to strat 6- w treated Photos (meday Are 4) 9/08/54	2) South end of 11/5 track. Cable	layer at 3. Shows not	4) N/5 treat Cr. Month 5) Ew track 0.3' Fine Chers 4) Ex track 0.3' Fine Chers 6) Ex track 0.3' Frunck Chers 6)	2) CON cleaning tranh at 3' 8) Ew Treach. SE well. Showing	9) Cleeting Sund 10191 in trench	(1) Ew Trench to 6. From East Side. Shows costs of court laye (1) ew Trench to 6 from north.	shows constation contact at 3'.

At lass Chlunding rebecking in samples 1140 Complet remiphos 0296 at least Lorech over. Going by Gram.
Book brown Graun of coolers of At deen area. Unberson Puckery Sumples From John John John gudery Sumples. 15/6 145 1330 140 ريطي Leave Olec Car DCT , Hass
At 0296 xHing sp emerator riti Obvisus sporne has been Fille Leure Arandin Transfer Aprel 3 0266 40296 (0700, Arrive at 12. Low my vo, 8-2 165 at 9°C Al site. 3 0266 pomplar 125 5 112 0750 05/20

	dense place require systems on the global section of cooks at a cook of the cooks and the cooks at a cooks and					
	1050 Beek at buter. Ding deen on beekhre, or sumpling exigeral. 1140 Leave to Thodring thea 2 to shad	1150 Stert thenching at TAZ. NS/5 Trench. 70E, 2657N. => 70E, 285N. 1155 Hit large quantities of bronch debris (wood, cabe, squals) at 3'in South portion of trench.	Thubes Treach from 500, 2700 7 700, 275N Thubes 17). Treach from 0-3', from 500th.	(9) Tranch Fam O-6 from south, Shound debris (5) Source as 18 20) Gaster in south 5, de of thereby 21) Johns in south 5, de of thereby	· 3	(5) Tench at 9' (Pull length) taken from South side.
4/2/6	0850 Above at lab. Loading webser. 0705 Leave Par site. Wooding vehicle.		Sample #5, 4	12) Traching The 2. E-W Jank 0-7. Showing Clayer saidy soils to 3. Horyhout. (4) Traching Arc 3. E-W Trench 6. Showing 50:) hower	- }	Octo Complete Sampling E-W trulyat Ocephy 11 cel Are 2, Trenching Area 3. Went to 6. Sampled Old -013 U

Lamplede sampling 0314. Ding BATTLE OF STATE. PREPENDING BOTHERS at background 51te (0314)
approx 3/4 mile ONDe Wirt rad
From 30/100 touch pound goods of her water sampling Arrive at lab. Loaden, asolens have died be. Do more water Snorpling to Ling. Nacle to Lown Guiber to which quite よらいかナン Leave to struct water sanging and water reported grape Begin sunt his 0314 Lear To Transfer A Por week showphy water Samp/In First weaver bear for 50 te. beating many Start take 411797 0000 9010 0135 0858 0935 630 9230 2430 1005 0460 Soils at 6-7, 30 took track to 9. Area of burning and debris Gural. Sampled į to decon were to ward coolers Town Billed & storted Genglest Sangley the N 09 60 - 17 B B 1445 1500 3 1520

9615 Arrive at late, is adong equipment obes the decord bunker. Dong deconds of sumpling equipment and bunkhar	Geophysical Arrea 1, Rhots 5) TAI E-W 0-6 Shiring large County/rebut debris on eart side GRE offer debris flowshood from 4-C below surface 1) Some as 5 7AI EW 0-9 From E 9) TAI EW 0-9 From R	1200 Fraish E-W treach. Sampled Ower-oore. Styred at 12 Still in deliver. 12 actual limit ob buckhoc 1230 Start translum N-5 transh
2) TAZ E-W O-6 From North. 3) TAZ E-W 0-6 From North. 3) TAZ E-W 0-6 From South. 4) TAZ E-W 0-9 From South.	140 Complete trenditing E-W trends at 6-7. Filler trends 140 Complete the book of the foods 170 Case of places that it deen were 170 Case of Lab. Packing Smalle to deen were 170 Leave lab. Packing Smalle to 170 Leave lab. Packing Smalle to 170 Leave lab. Packing Smalle to 170 Leave lab. Packing Smalle to 170 Leave lab. Packing Smalle to 170 Leave lab. Packing Smalle to	

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